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# Web Design

## Project 1: Building a Business Website

Your friend has recently started a company to sell the latest technology of 3D printers to individuals and organisations. She had worked very hard with her team to research, design and develop a good quality printer. Your friend has shared with you that even though their product is very good and has been appreciated by the buyers, the company is struggling to sell the required number of 3D printer units in a month and are not able to meet their revenue targets to make profit. If this continues for the next 3 to 4 months, then her company will be incurring huge financial losses. After discussing the problem with your friend, you have discovered that the reason for the shortfall in sales of the product is because her company does not have a proper marketing channel to reach and connect with large number of people. You have decided to take out some time to help your friend by building a business website for her company. This website will help your friend to build visibility of her product with large number of people and provide a platform for her to connect with potential customers. This will in turn help your friend to increase the sales of her product.

In this project you will learn to create a business website using an online web designing platform so that you can solve the problem for your friend.

Let's get started!

### Prerequisite:

Ensure that you have gone through all the videos of the course Web Design on [Planetcode.in](https://planetcode.in) portal. These videos will help you to learn about the important terms and concepts as well as the equip you with the tools needed for this project. If you have already completed watching all the videos, well done! You are also set to begin the project.

If you have not completed the videos, please go to the "Web Design" course on platform <https://planetcode.in/> to complete them before you proceed.

### 1. Platforms / Tools Needed

Google Teachable Machine: <https://www.weebly.com/in>

### 2. Major Steps to be performed in the Project

- a) Writing a first impression text regarding the company
- b) Brief description about the QUC 3D printer (product)
- c) Product image and Specifications

- d) Creating sample prints image slideshow
- e) Quote about the company
- f) Adding address, location of the company and creating get quote form.
- g) Editing of the Home page
- h) Creating a new navigation page “3D printing technology”
- i) Creating image slideshow of 3D printing technology
- j) Adding textual content regarding 3D printing technology

The screenshot shows a web page for QUC Technologies. The navigation bar includes 'HOME' and '3D PRINTING TECHNOLOGY'. The main content is divided into six sections, each highlighted with a red box and labeled 'PART 1' through 'PART 6':

- PART 1:** A blue banner with the text: "We at QUC Technologies develop, manufacture and market cutting-edge 3D printers."
- PART 2:** An image of a 3D printer with a red part being printed, accompanied by text: "With our printer, getting started in 3D printing is simpler and more economical than ever. It has printing capabilities right out of the box. The QUC 3D printer is best for households, educational institutions, and new users."
- PART 3:** A 'Specifications' section with a table of technical details:

Printing	Mechanical & Dimension
EXTRUDER QUANTITY: 1	PRINTING DIMENSION: 300 x 400 x 450 mm
NOZZLE DIAMETER: 0.4 mm	RESOLUTION: 0.1 mm
HARDWARE EXTRUDER	SCREEN: 15.5 INCH TOUCH SCREEN
TEMPERATURE: 200K	NET WEIGHT: 15 KG
PRINT SPEED: 45-140 mm/s	GROSS WEIGHT: 19.5 KG
PLA/ABS/PC/PTFE/PE/PA/WOOD/TPU	INTERNAL STORAGE: 6.5 L
PLA/ABS/PC/PTFE/PE/PA/WOOD/TPU	PLUMBER HOSE: 40 CM
PLA/ABS/PC/PTFE/PE/PA/WOOD/TPU	WORKING ENVIRONMENT: 10-45°C
PRINT VOLUME: 200 x 200 x 200 mm	
LAYER THICKNESS: 0.1-0.4 mm	
PRINT PRECISION: 0.1 mm	
- PART 4:** A 'Sample Prints' section featuring an image of a 3D printed prosthetic hand.
- PART 5:** A quote: "We are the Leaders in Innovation."
- PART 6:** A 'Contact Us' section with a 'Get Quote' button and a map of the company's location.

## Components Used:


### STEP by STEP Instructions

### Part 1: Writing a first impression text regarding the company

#### Step 1

Click on 'I just need a website' once you log in on the weebly.com website.

What kind of website would you like to create?  
We'll provide you with the right tools to get started



The screenshot shows two website creation options. On the left, a box contains the text "Click on i just need a website" with a red arrow pointing to the "I just need a website" option. The "I just need a website" option features a coffee shop website template with the URL "https://www.my-professional-business.com" and the text "I just need a website". The "I need a website with an online store" option features a jewelry store website template with the text "I need a website with an online store".

## Step 2

Choose the theme under the business category that matches with your company's mission.

**Select a Theme**

**CLICK ON BUSINESS** → [Business](#) [Portfolio](#) [Personal](#) [Event](#) [Blog](#) [Coming Soon](#) [Other](#)

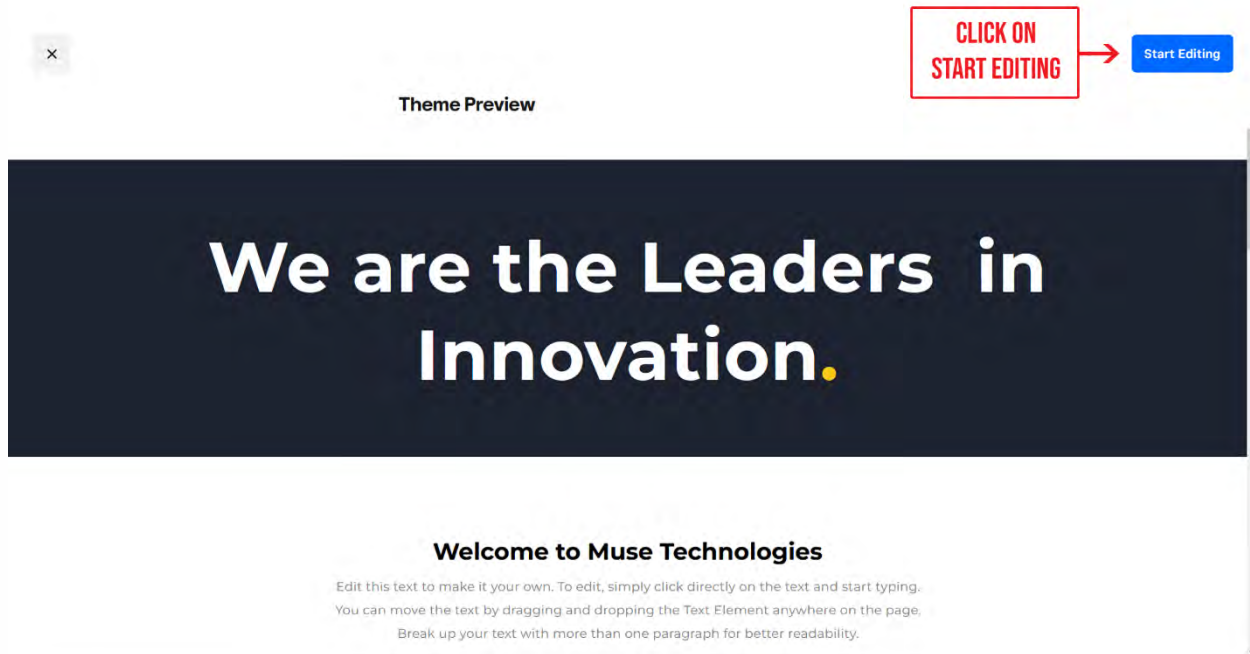
**SCROLL DOWN** ↓

**SELECT THIS THEME** ←

The grid displays various themes including: 'YOGA' (yoga instructor), 'Financial Freedom' (finance), 'Relax. Revive. Repeat.' (spa), 'THE GENTLEMEN'S BARBERSHOP' (barber), 'LOCAL BURGERS DONE RIGHT' (burger), 'Never Underestimate the Joy of Relaxation' (relaxation), 'ALL NATURAL. ALL FRUIT.' (smoothies), 'ACQUIRE' (nature), 'URBANDINE' (restaurant), and 'MUSE TECHNOLOGIES' (technology) with the headline 'We are the Leaders in Innovation.' and 'Welcome to Muse Technologies'.

### Step 3

Click on 'start editing'.



Theme Preview

**We are the Leaders in Innovation.**

**Welcome to Muse Technologies**

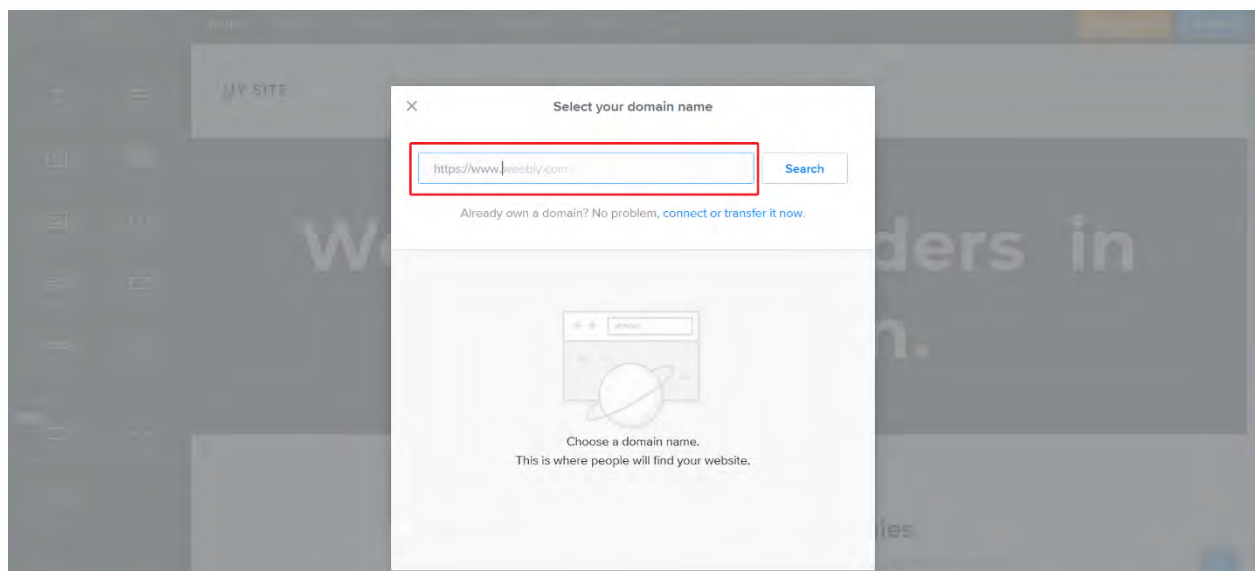
Edit this text to make it your own. To edit, simply click directly on the text and start typing.  
You can move the text by dragging and dropping the Text Element anywhere on the page.  
Break up your text with more than one paragraph for better readability.

Generate a domain name for your website.

### Step 4

- Type your desired domain name in the textbox provided.
- You can use the following format:


myfirstcompanywebsite.yourname.rollnumber.weebly.com.



Select your domain name

Search

Already own a domain? No problem, connect or transfer it now.



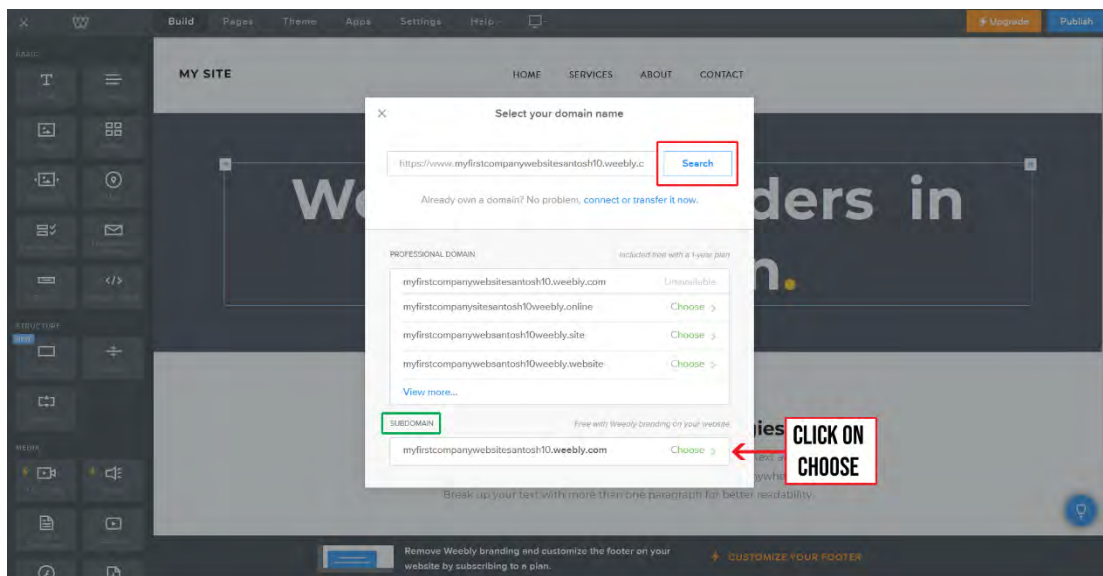
Choose a domain name.  
This is where people will find your website.

## Search for a free domain name

### Step 5

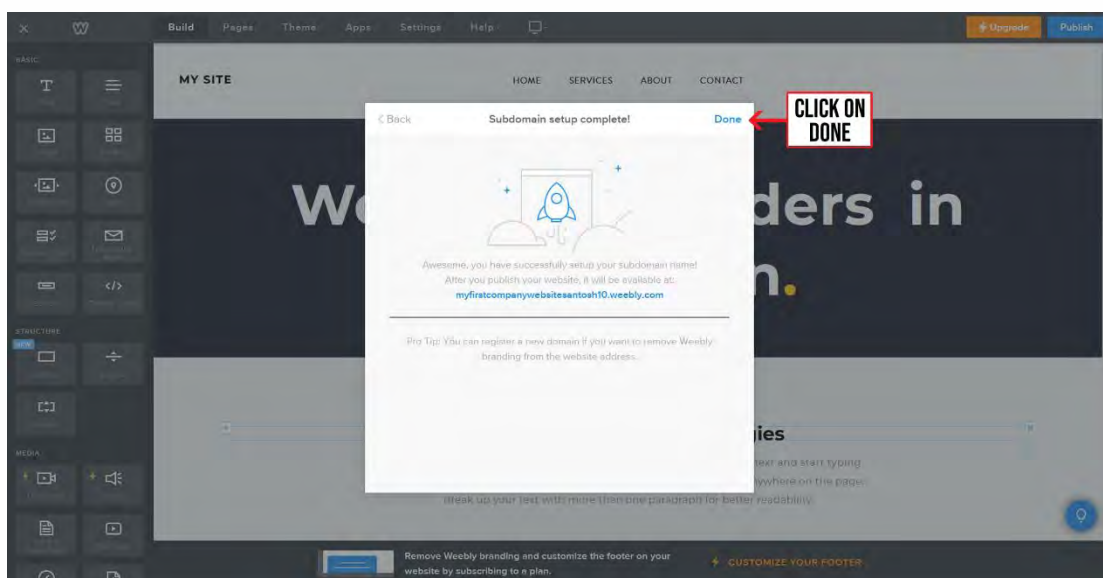
- Click on the **'Search'** button.
- In the subdomain section click on the **'Choose'** button.

**Note:** After searching for the preferred domain name, if it shows unavailable, please alter your domain name format by adding numbers. You can also change the format like this: `myfirstcompanywebsite[rollnumber]yourname[rollnumber].weebly.com`



### STEP 6

Click on **'Done'**. You will then be redirected to the building area of your website.

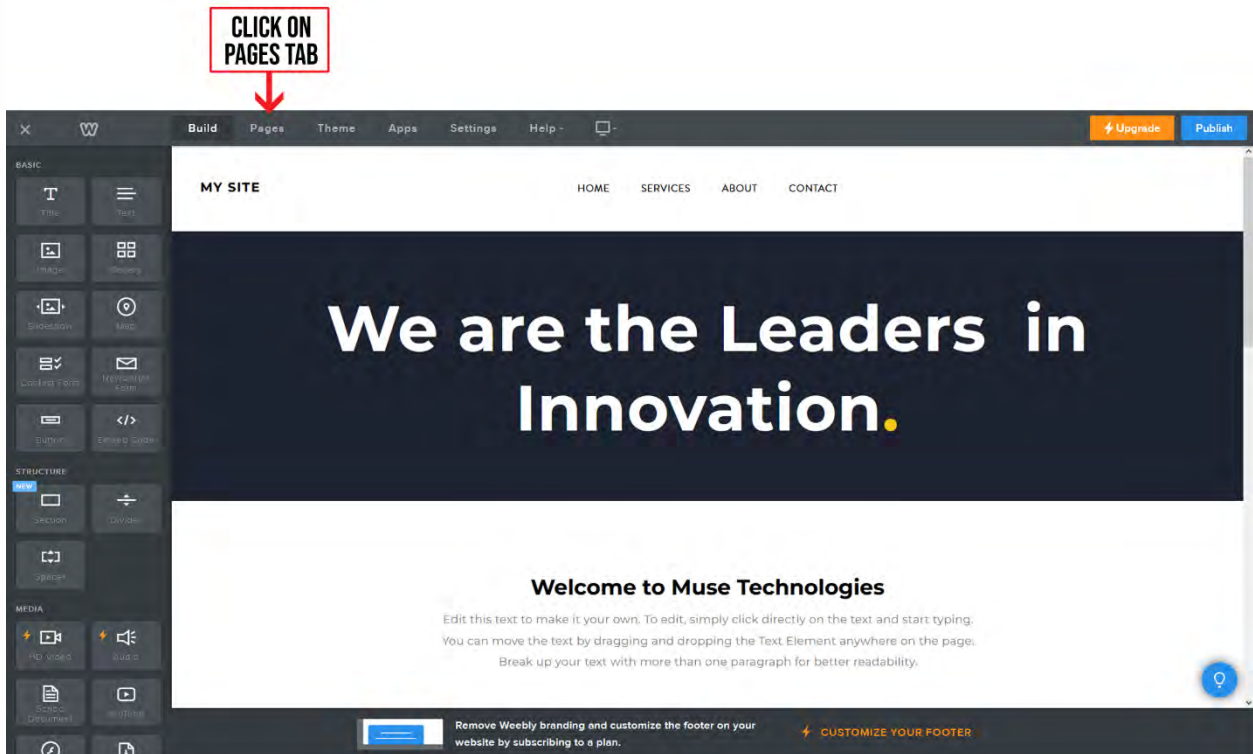


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Delete all pages except the HOME page.

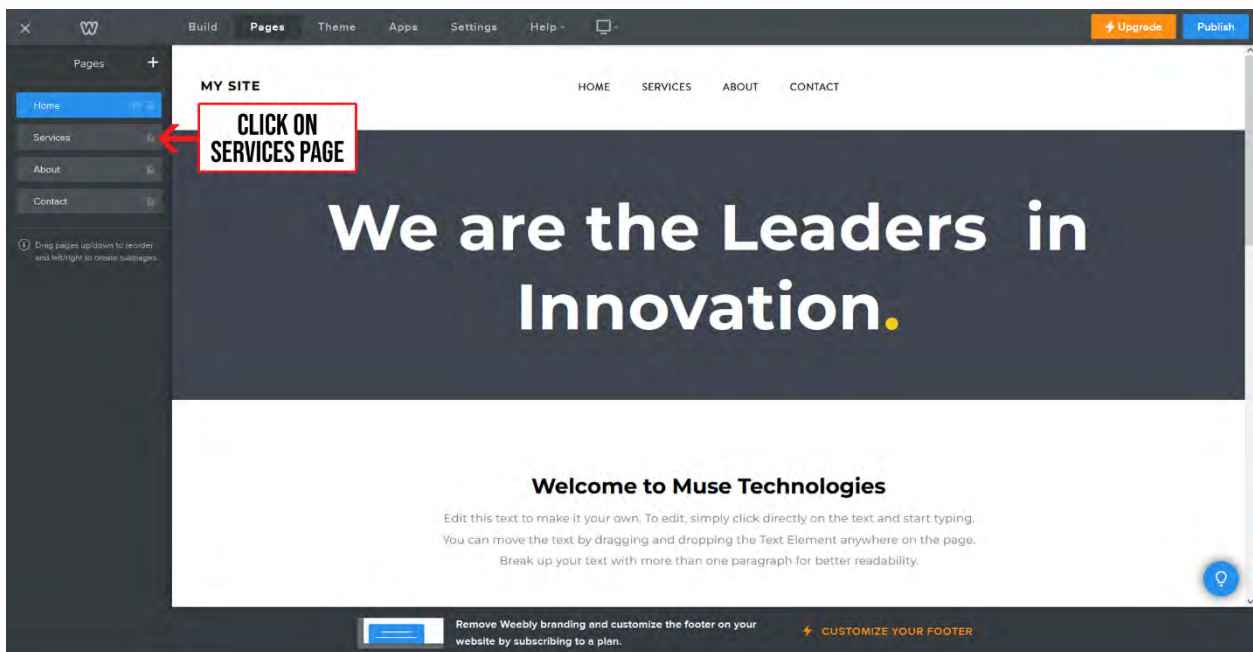
## Step 7

Click on the Pages tab.



## Step 7.1

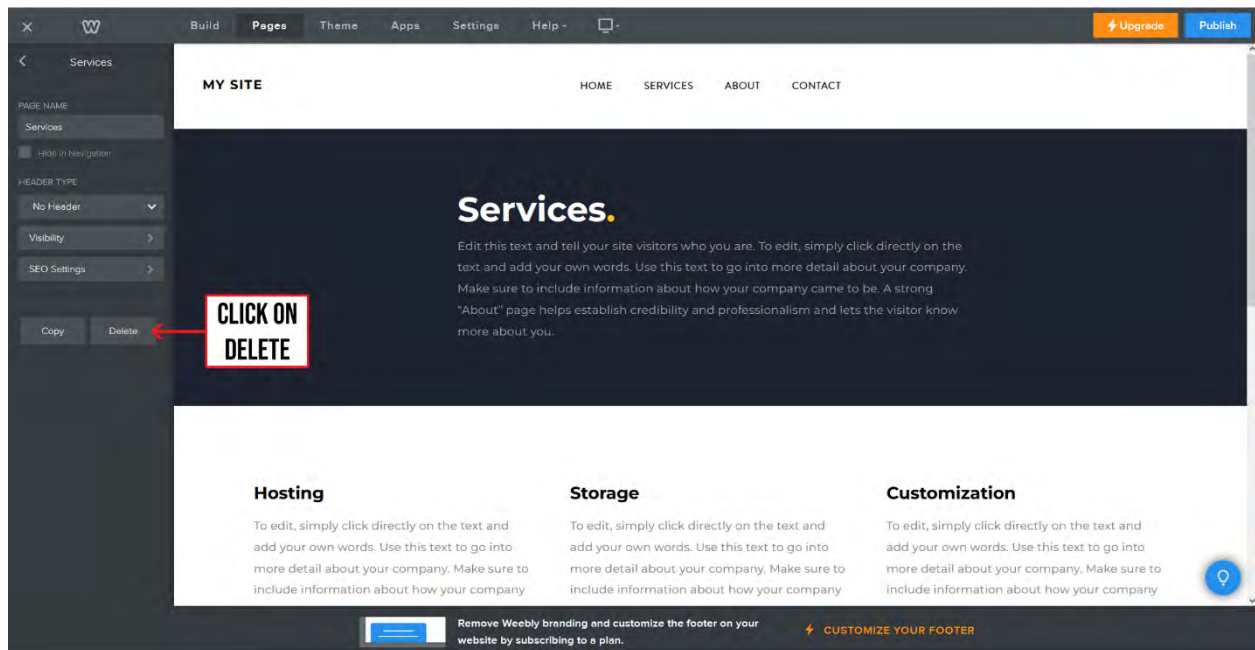
Click on the Services page.





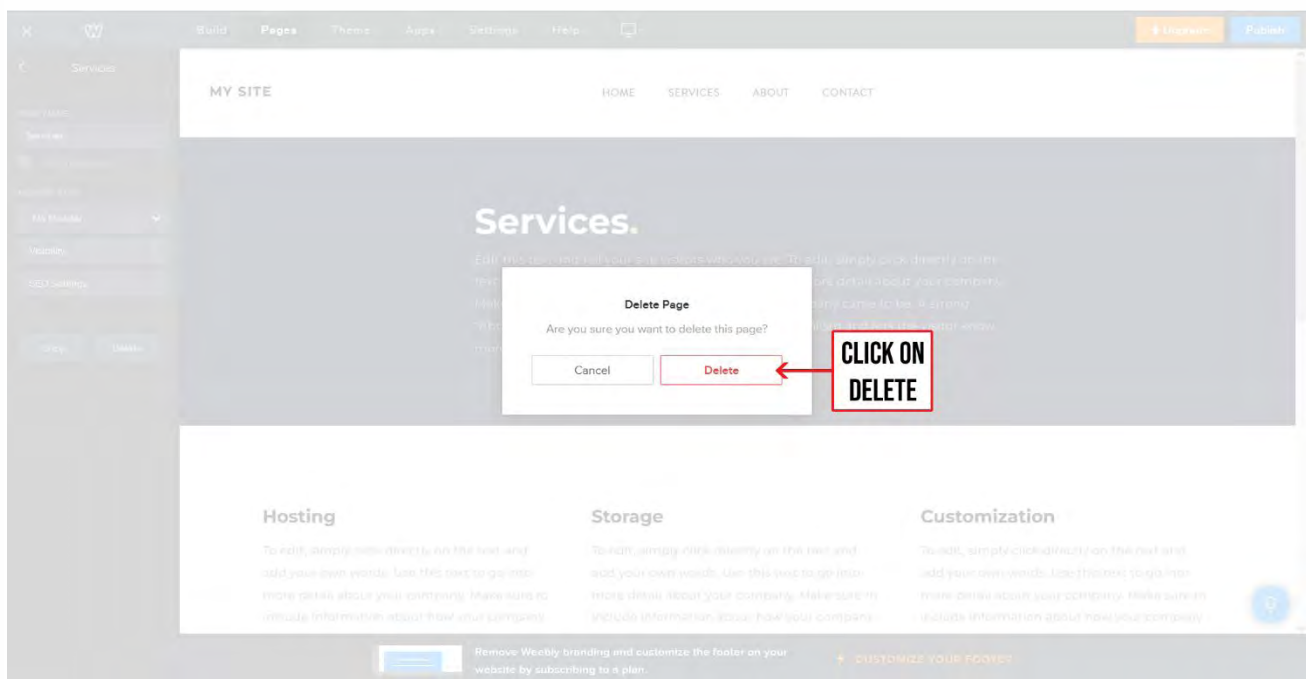
## Step 7.2

Click on **'delete'**.



## Step 7.3

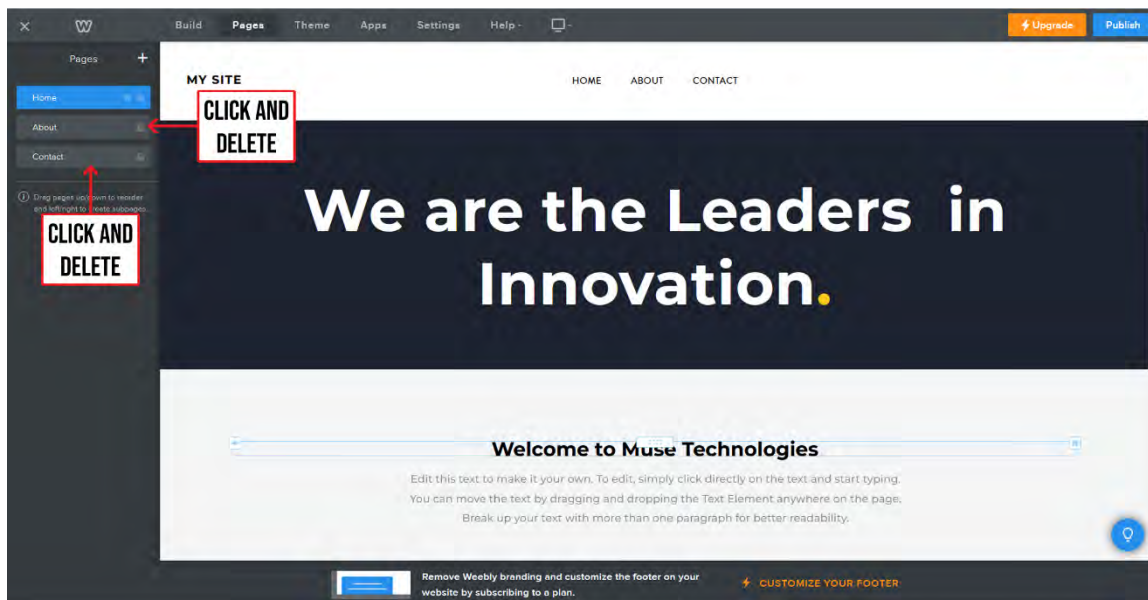
Confirm by clicking on the Delete button. You have now deleted the Services page.



### Delete About and Contact pages

#### Step 7.4

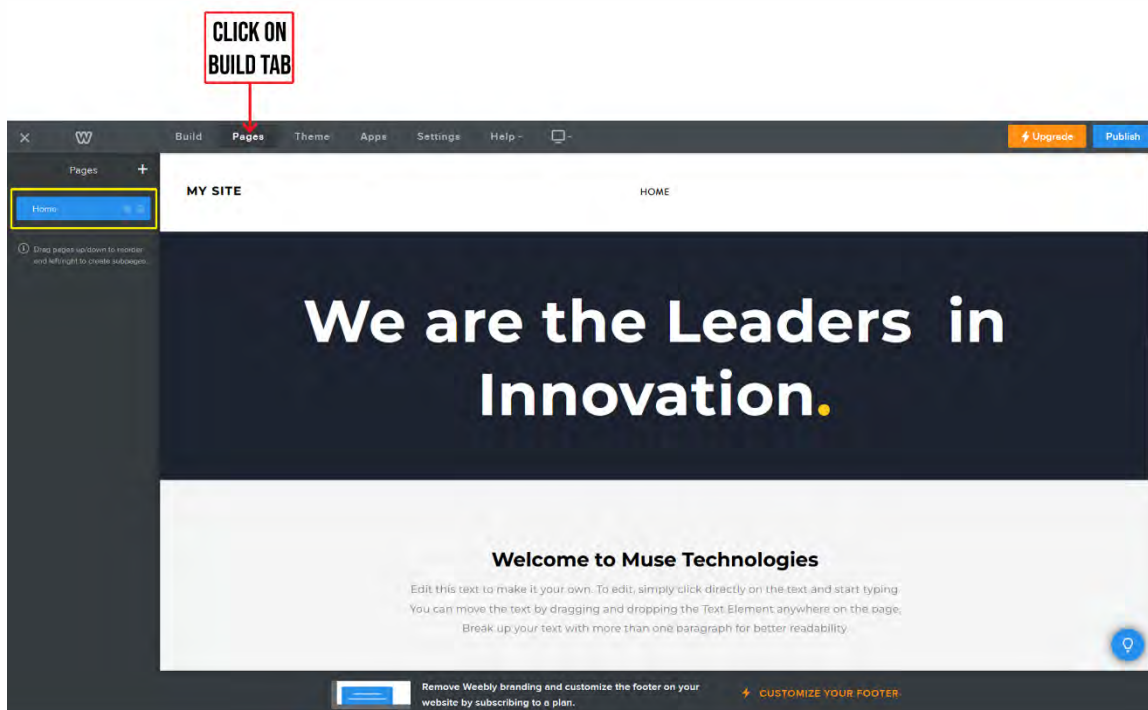
Follow the steps from 7.1 to 7.3 and delete the **'About'** and **'Contact'** pages.



After deleting all other pages, you will be left with only the HOME page.

#### Step 7.5

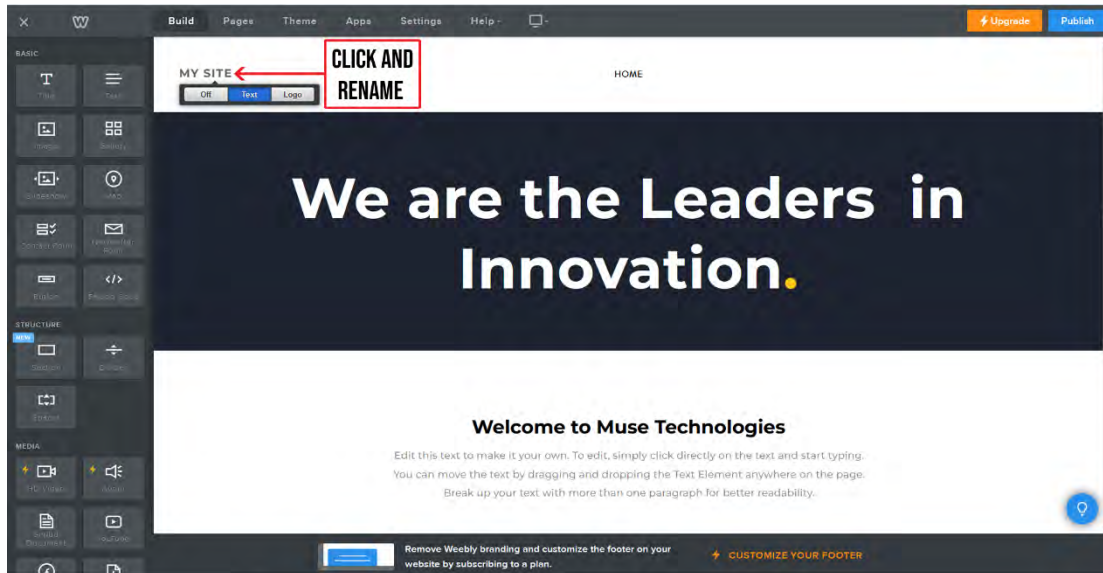
Now, click on the Build Tab.



Changing the text “MY SITE” to your company’s name.

## Step 8

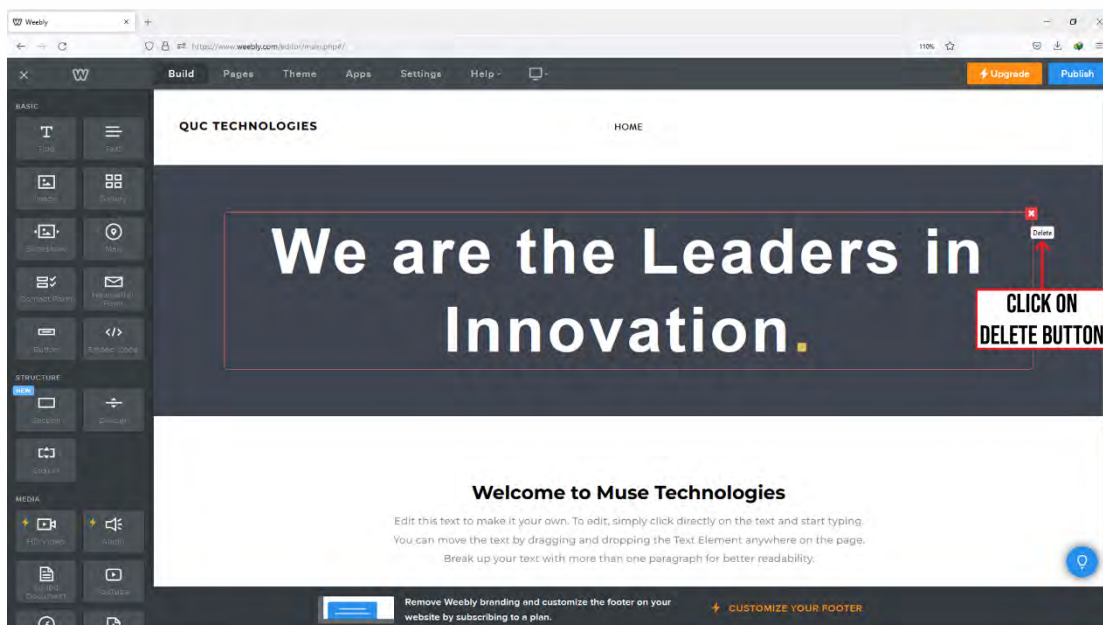
- Delete ‘My Site’
- Type QUC TECHNOLOGIES which is the company name.



Delete the text box

## Step 9

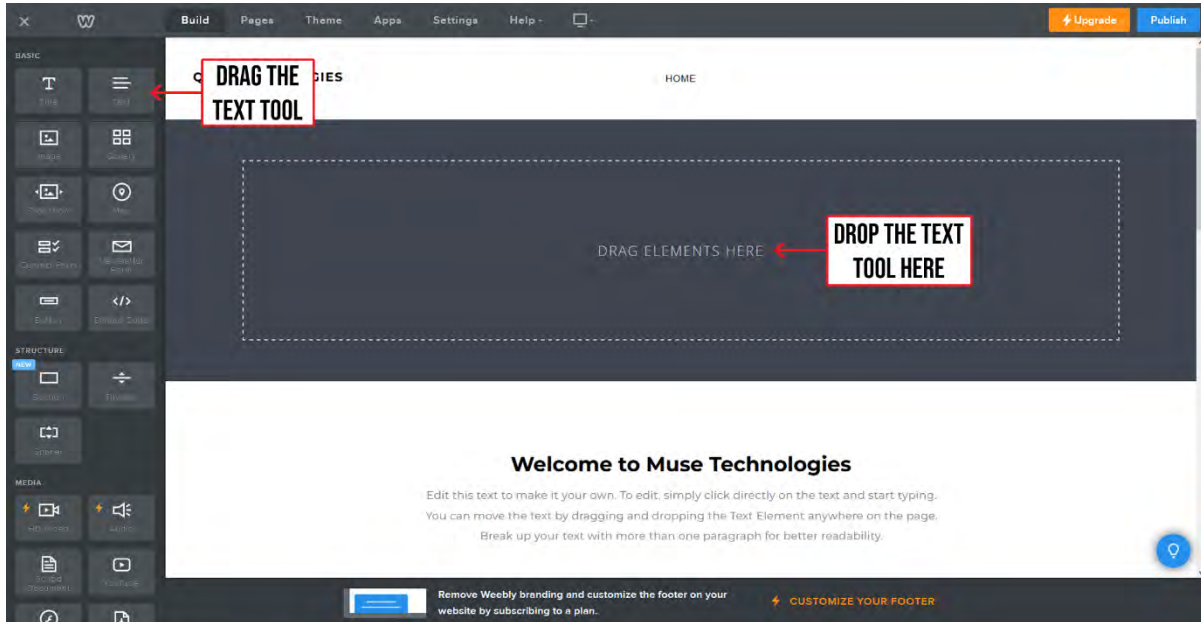
- Hover the cursor on text box
- Click on red x box to delete the text box element.



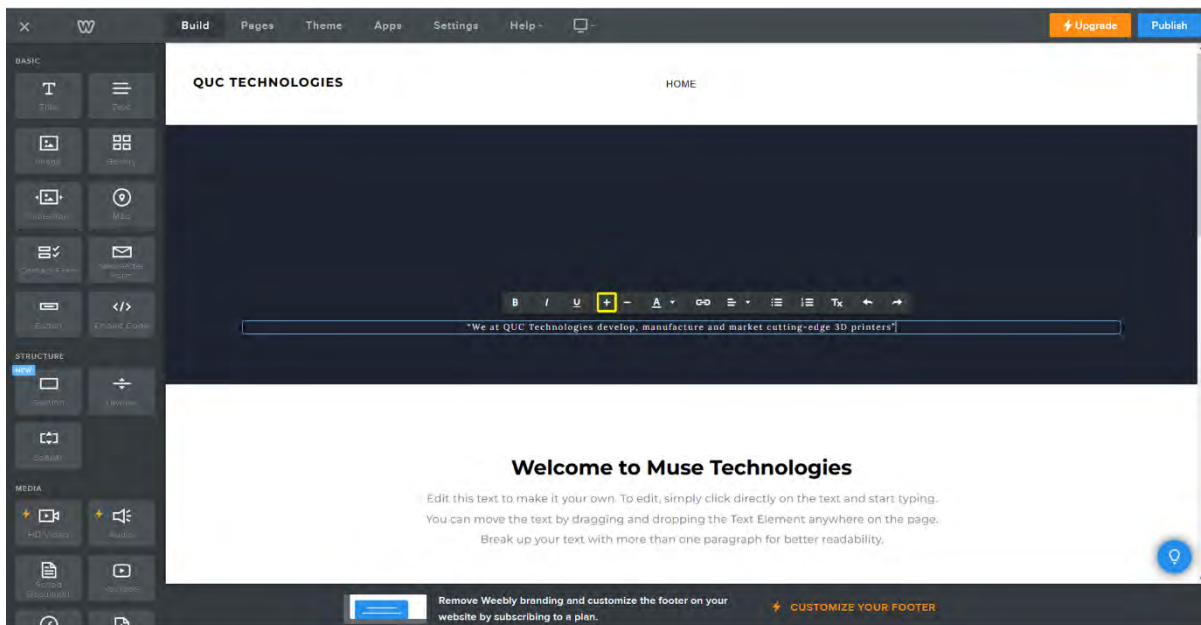
## Insert the text tool

### Step 9.1

- Drag and drop the text element on to empty boxed area as shown.



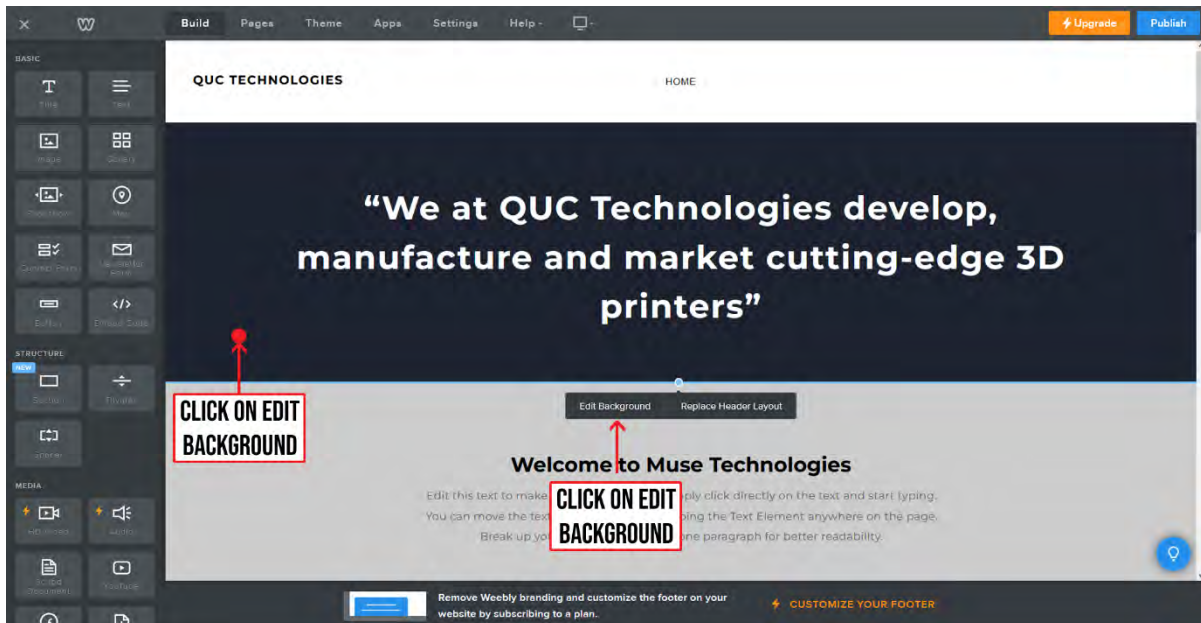
- Click on text box and type the following: “We at QUC Technologies develop, manufacture and market cutting-edge 3D printers”
- Now, select all text from the text box.
- Click on “+” button 4 times to increase the font to the required size.



## Changing the background color of the Part 1

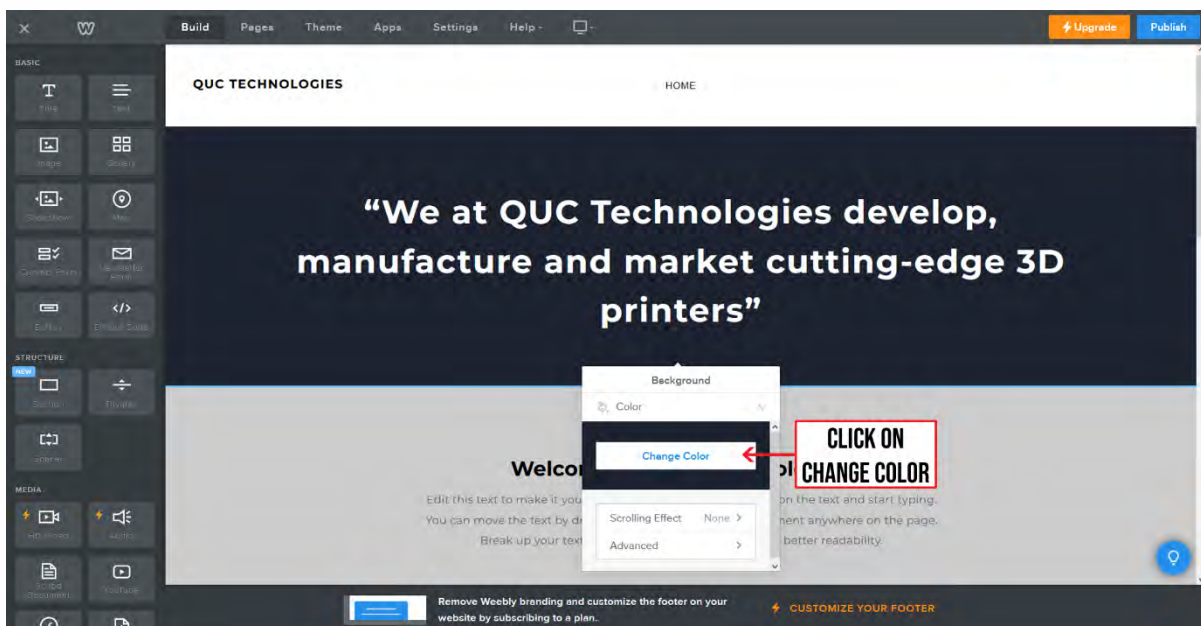
### Step 9.3

- Click on the black background
- Click on 'Edit Background'.



### Step 9.4

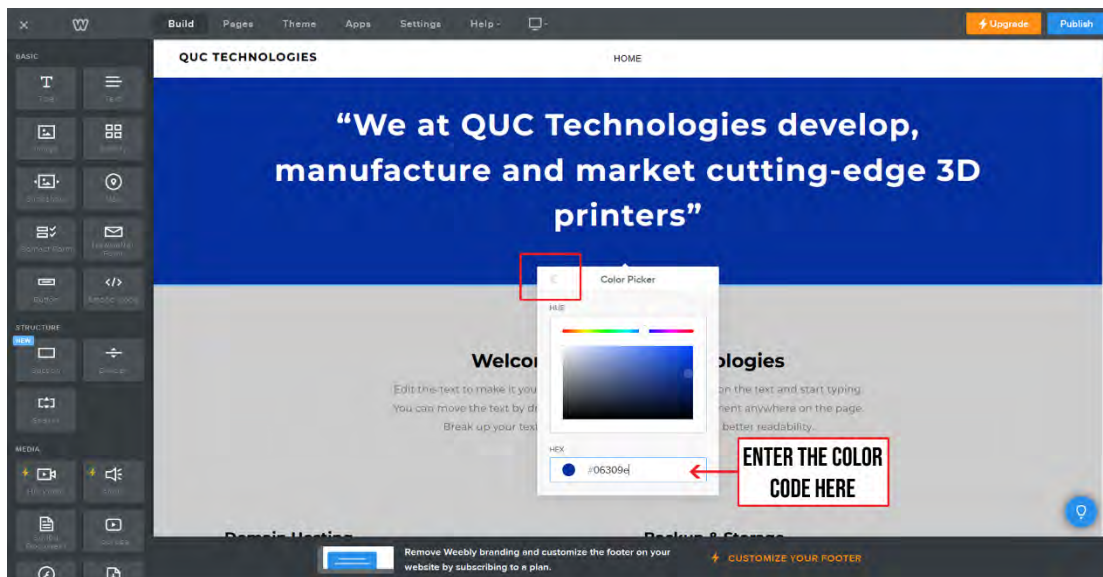
Click on the button, 'Change Color'.



### Changing the color to blue

#### Step 9.5

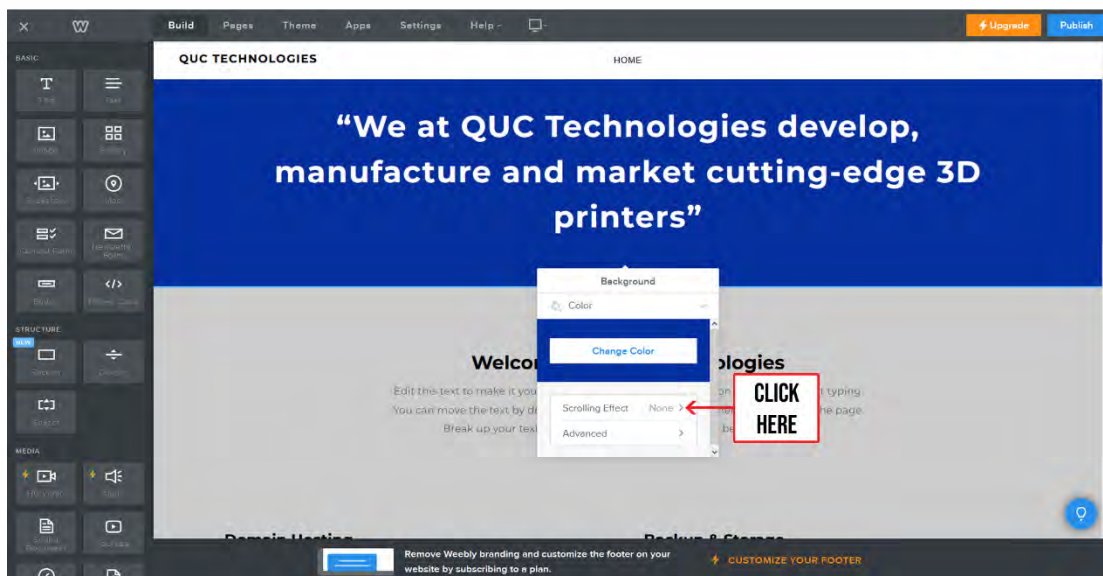
- Enter the blue color code number '**06309e**' at HEX box as shown in the image.
- As soon as you enter the code you will observe the color being changed from black to blue
- Next, click on the back arrow button pointed inside the red box.



### Adding the reveal effect

#### Step 9.6

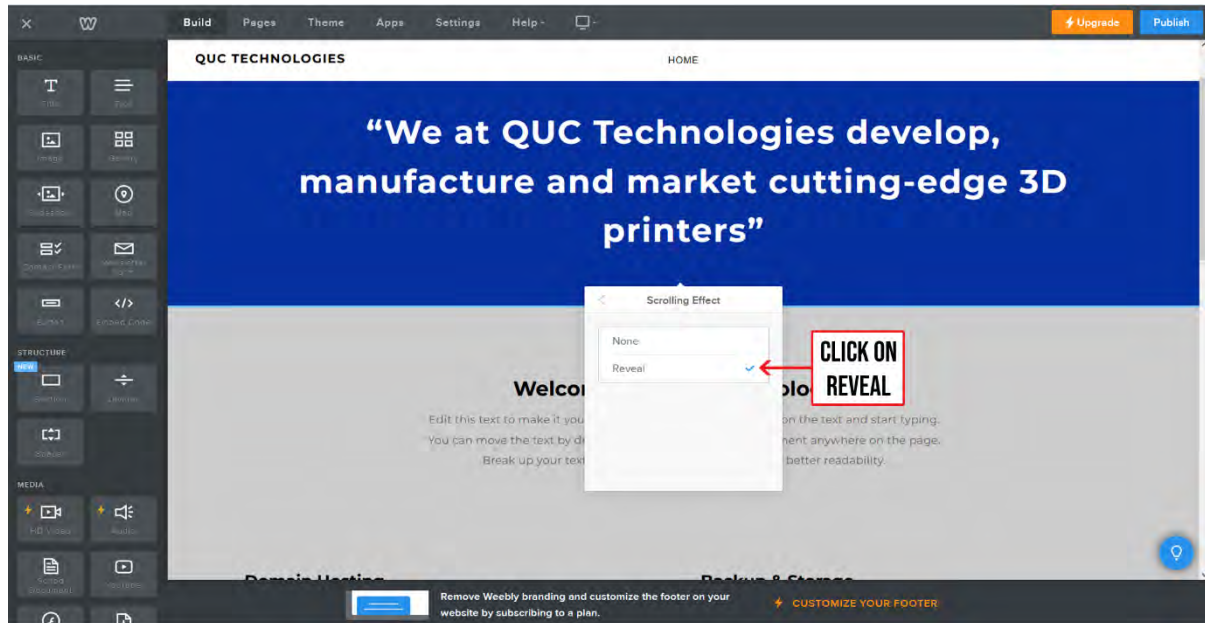
- Click on the arrow next to '**Scrolling Effect**'.



## Step 9.7

- Click on Reveal to add the effect
- Exit the editing menu by clicking elsewhere.

Congratulations! you have completed the Part 1

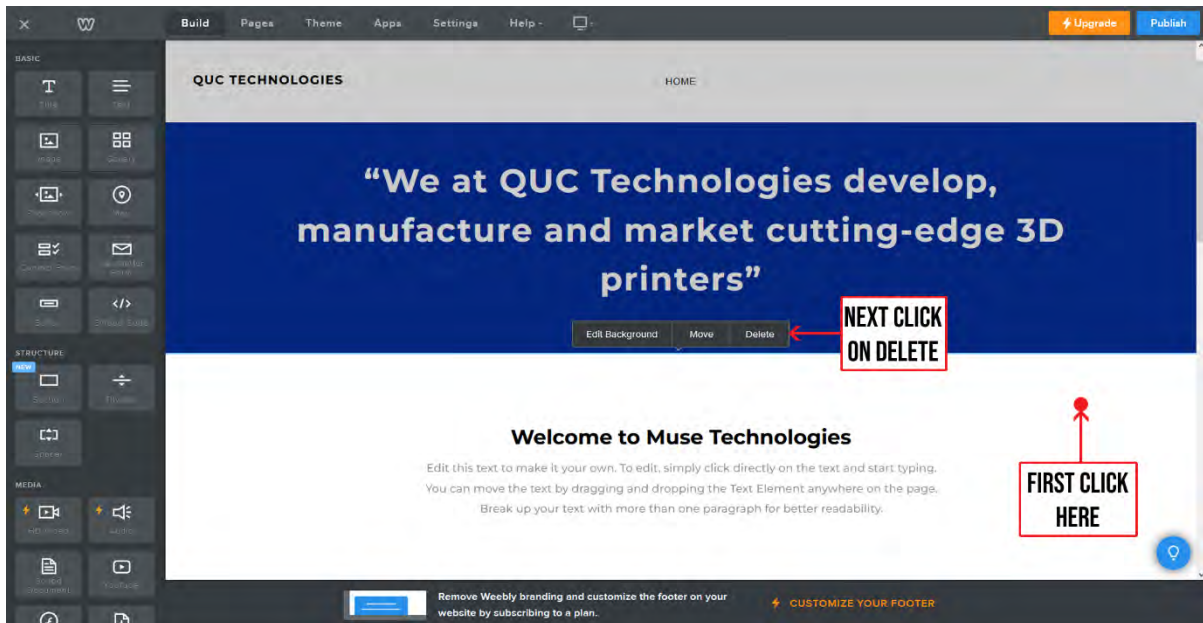


### Part 2: Adding brief description about the QUC 3D printer

Deleting the components from Part 2.

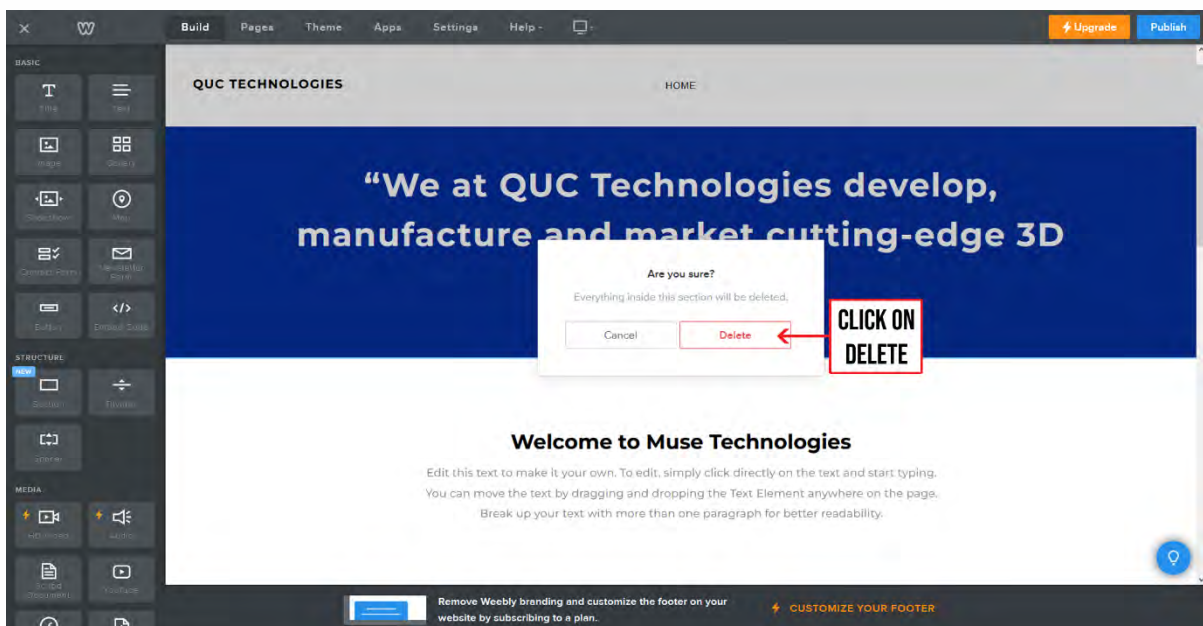
#### Step 10

- Click on Part 2
- Click on the delete button.



#### Step 10.1

Click on Delete button to confirm the deletion

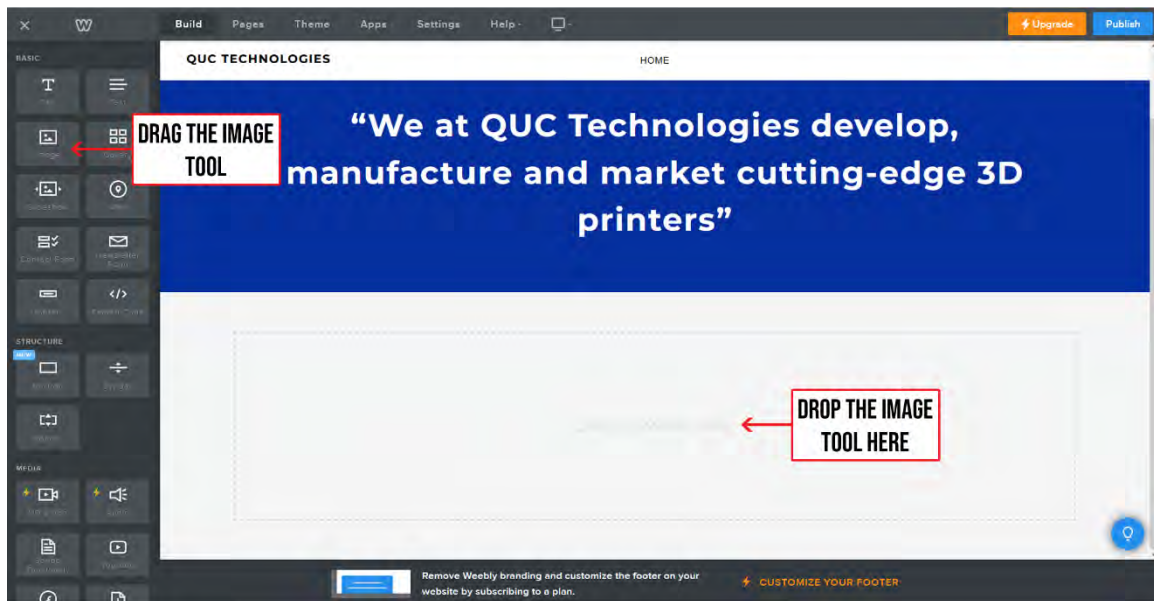




### Delete the remaining components

#### Step 10.2

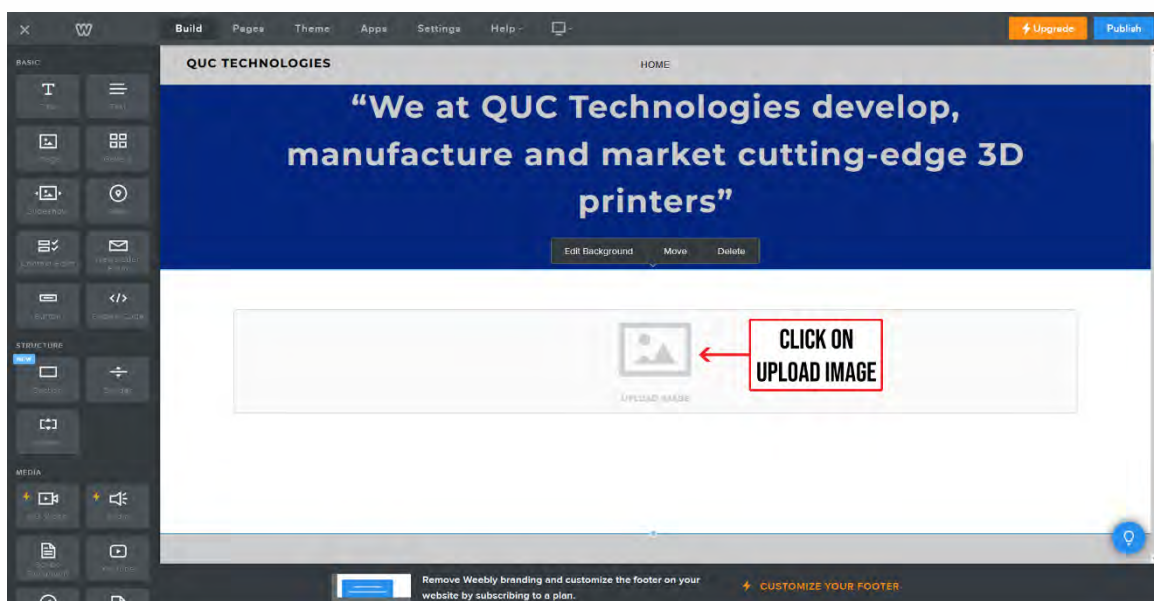
- Repeat the above steps until you get the blank element box as shown in the below image
- Now drag and drop the Image tool in the empty section.



### Uploading a 3D printer image

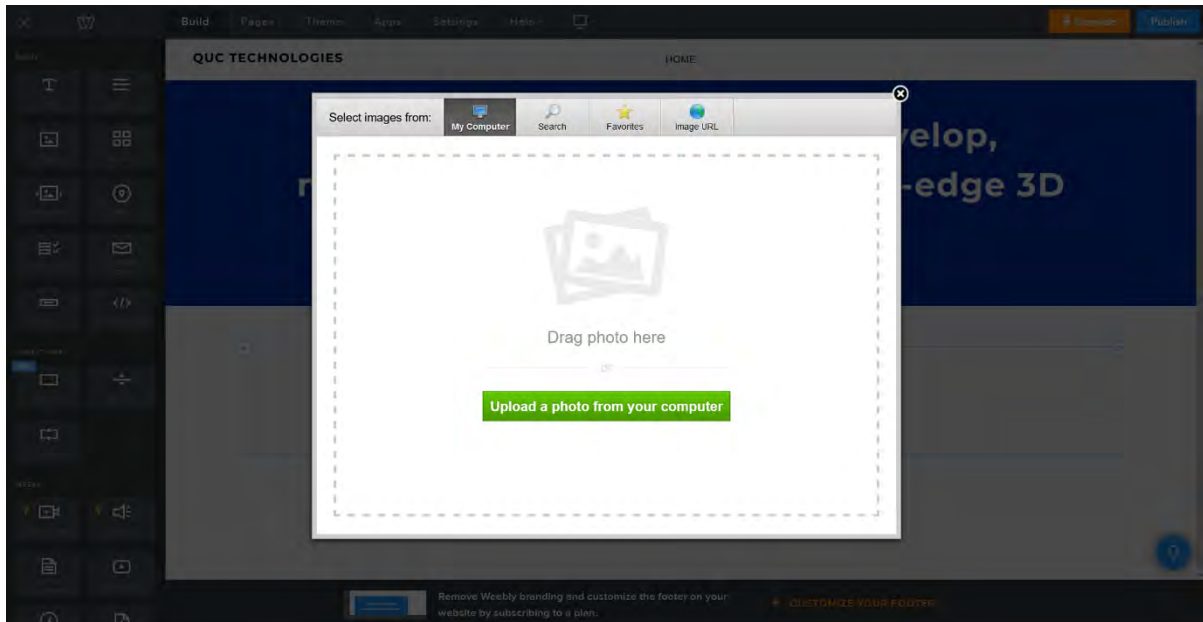
#### Step 10.3

Click on the **'upload image'** icon, as shown.

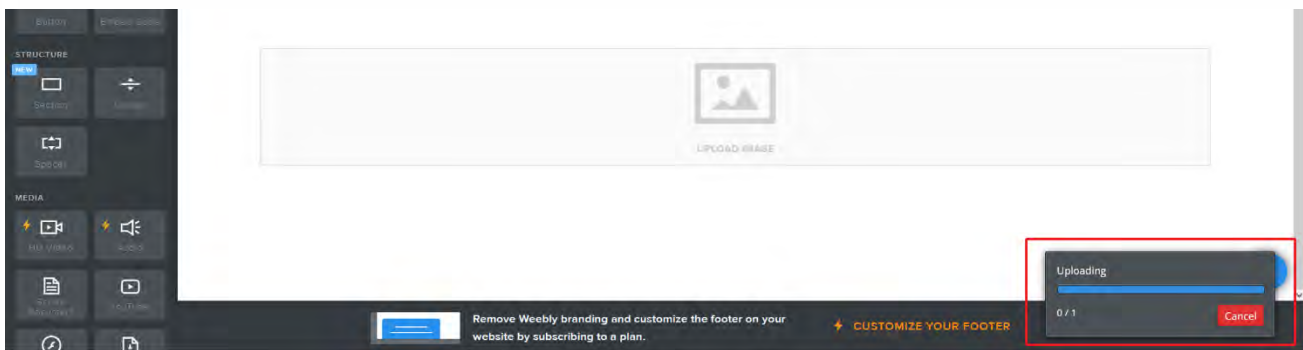


### Step 10.4

- A window pops up as shown in the below image.
- Drag and drop the image or click on 'upload a from your computer' button to go to the image located in your computer.



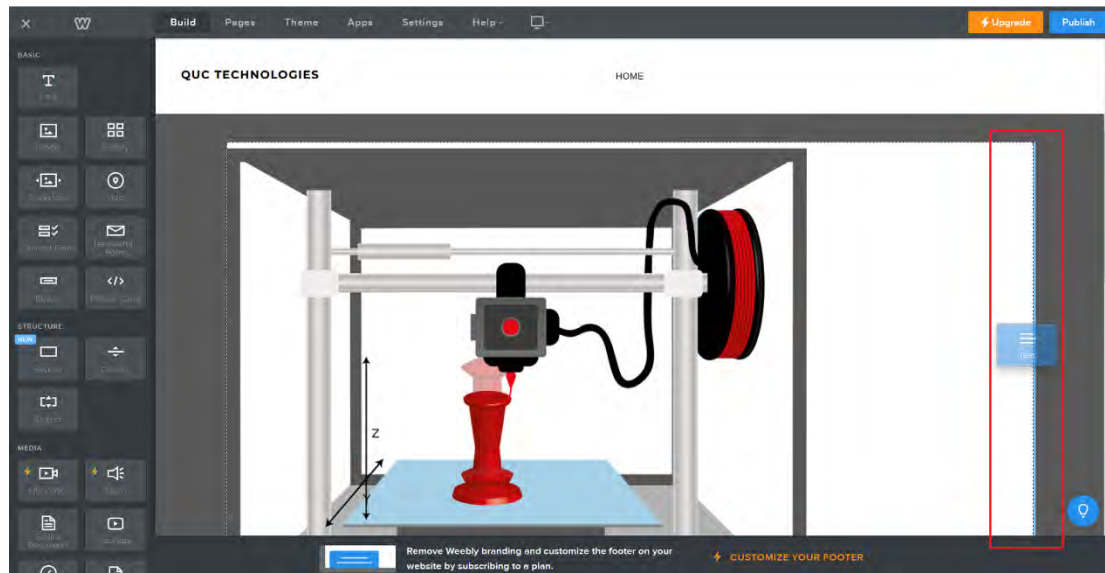
After selecting the image, you will see a progress bar at bottom right corner to track the upload.



## Adding the text tool.

### Step 10.5

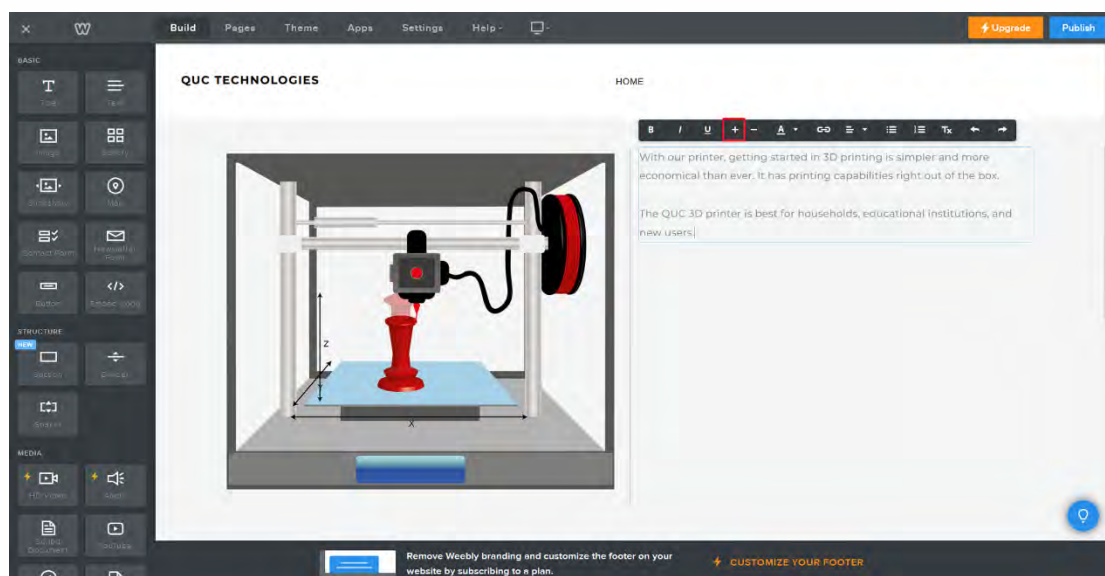
- Drag and drop the text tool as shown in the image taking the blue line as reference.
- Now add some text about 3D printer.



## Increasing the size of the text

### Step 10.6

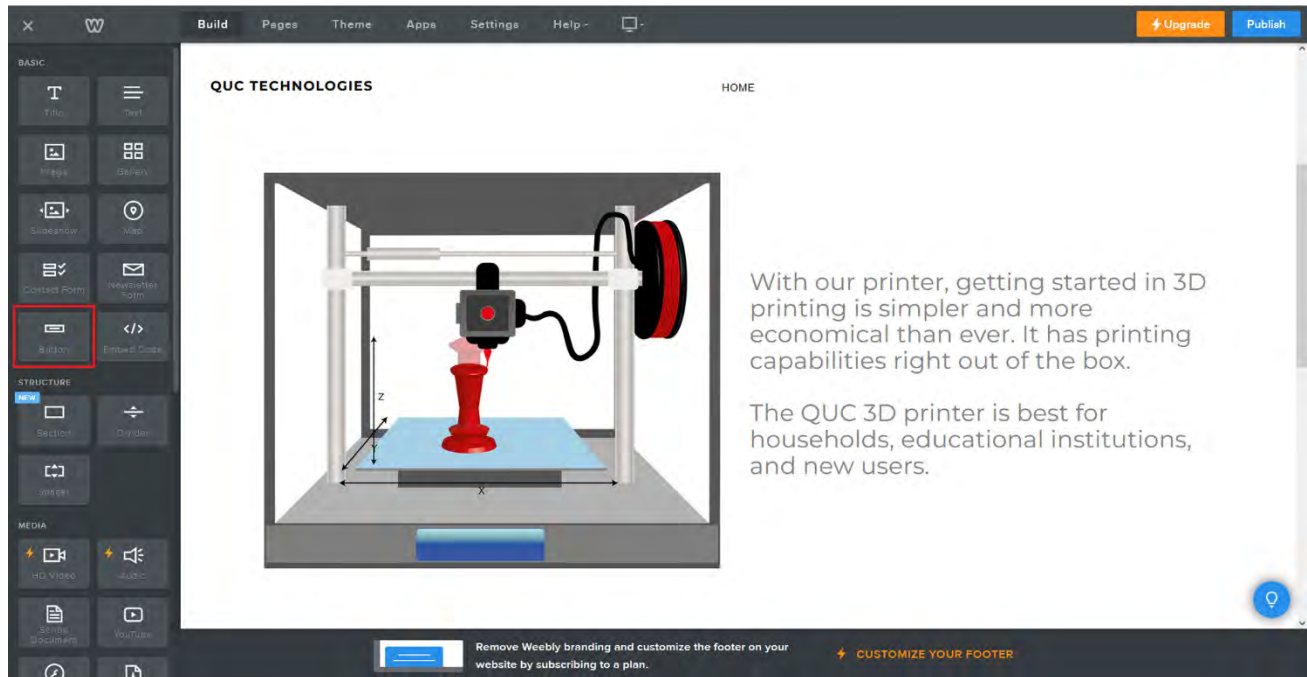
- Select all text and increase the size of the text by clicking the “+” button (click 3 times)
- Next, keep the cursor on starting point and press enter key to add new line to keep the text aligned to the centre of the image.



## Emerging Technologies - Web Design

- After following the above steps, the Part 2 will be looking something like this as shown in the below image.
- In next Part we will learn about Section tool and other elements.

**Congratulations! you have completed the Part 2**

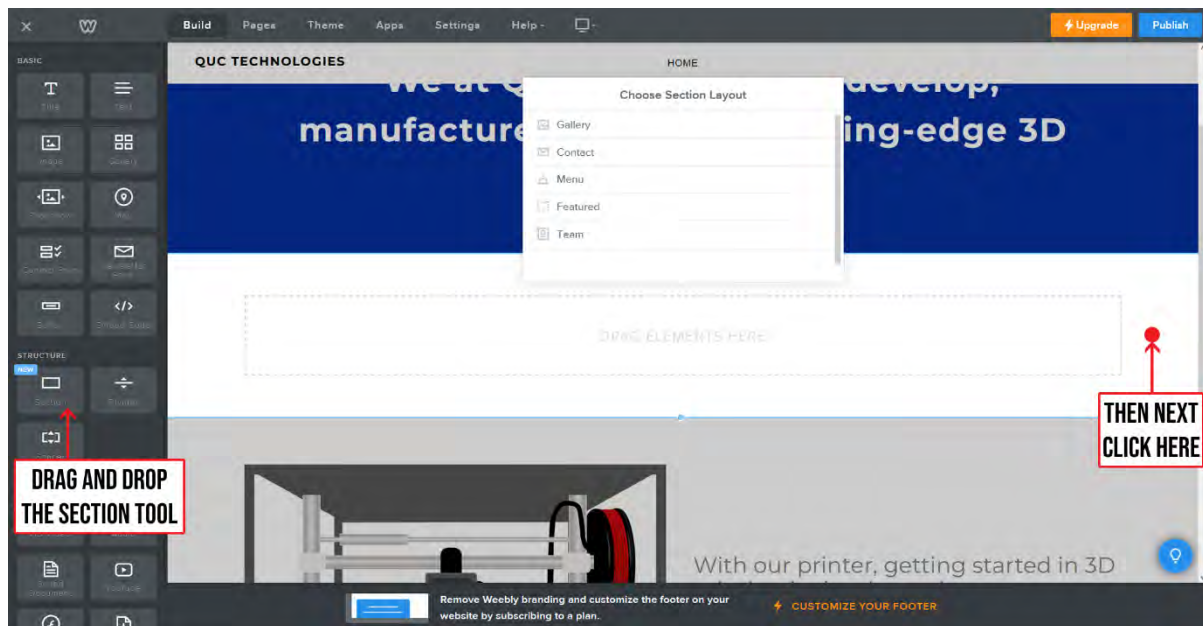


## Part 3: Product image and Specifications

### Creating a new section

#### Step 11

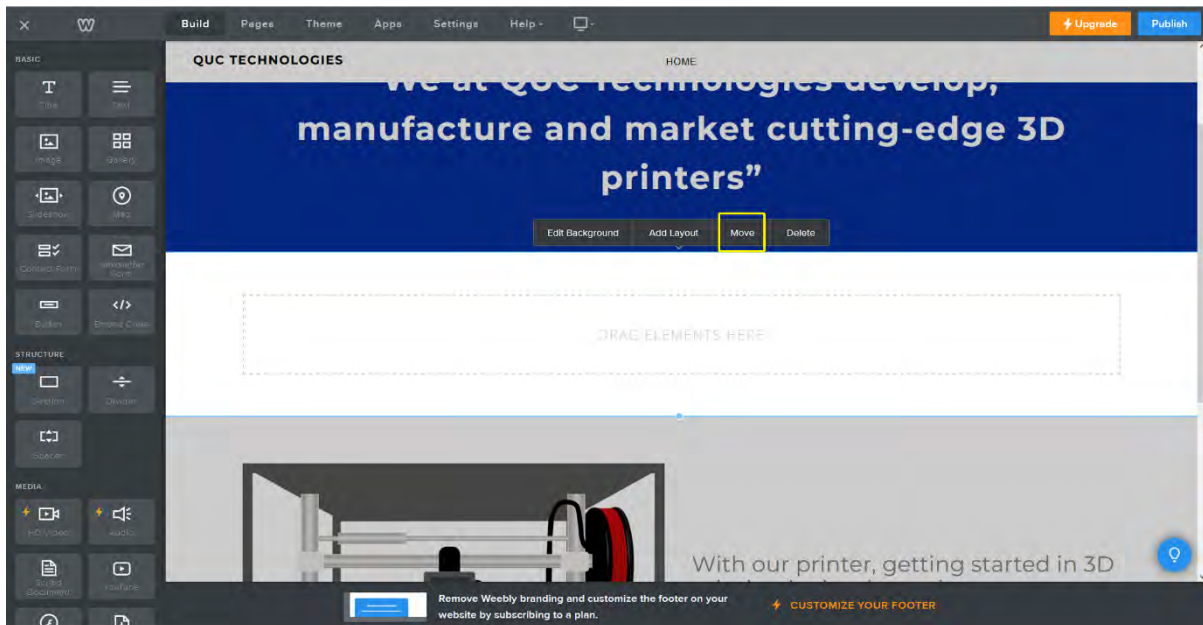
- Drag and drop the Section tool on screen as shown.
- Don't choose any layout from the options available.
- Instead click elsewhere.



Move the section below the Part 2

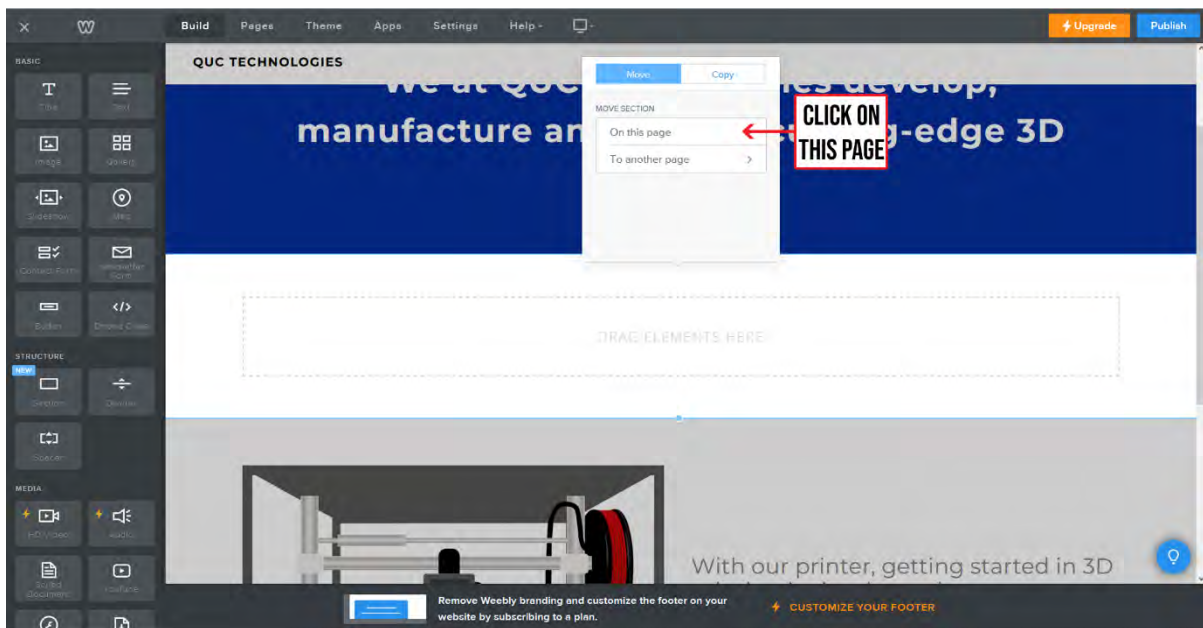
## Step 11.1

- Click on section once again, a menu pops up
- Click on the 'move' button.



## Step 11.2

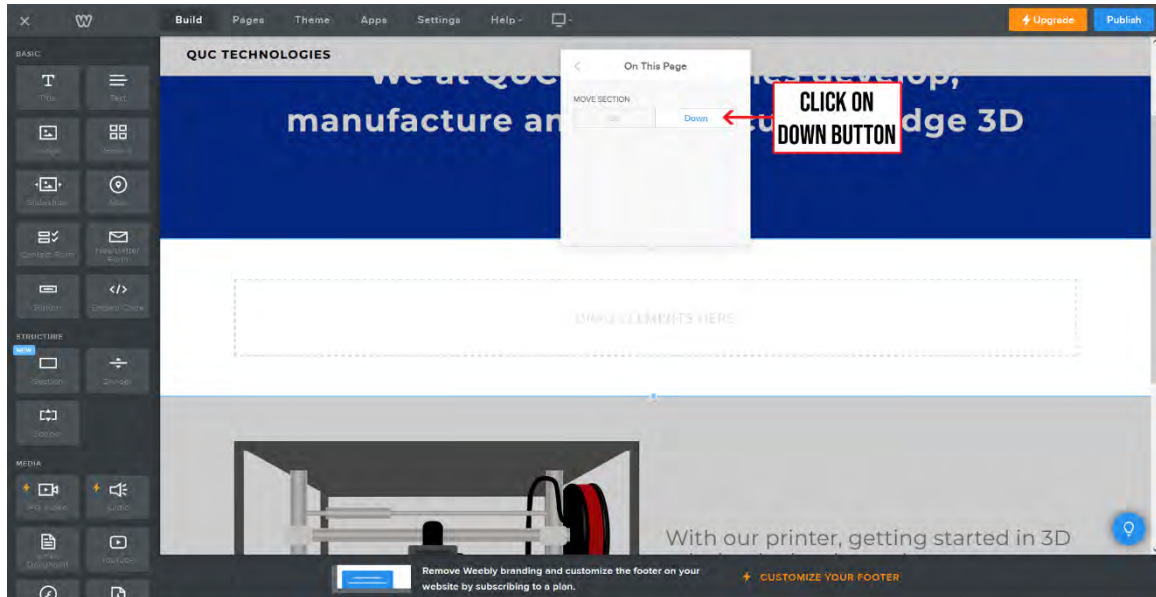
Click 'On this page'.



## Step 11.3

Click on the **'Down'** button.

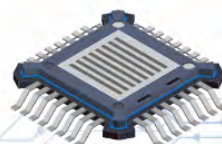
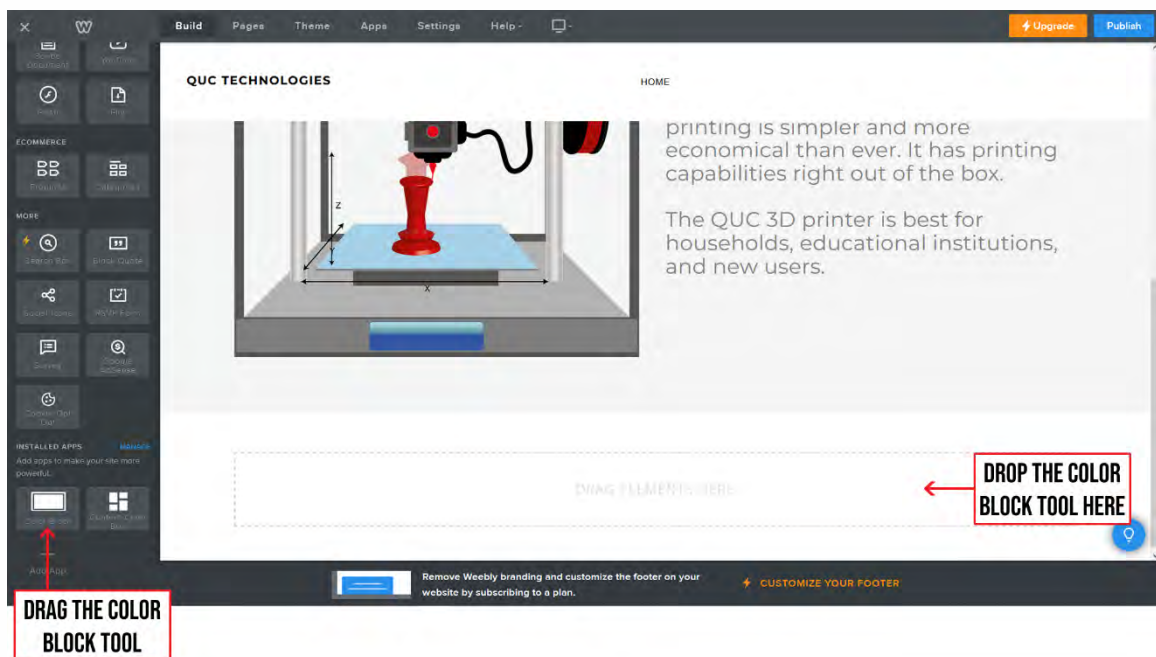
- It will move the current section to below of the Part 2.



## Using Color block tool

### Step 11.4

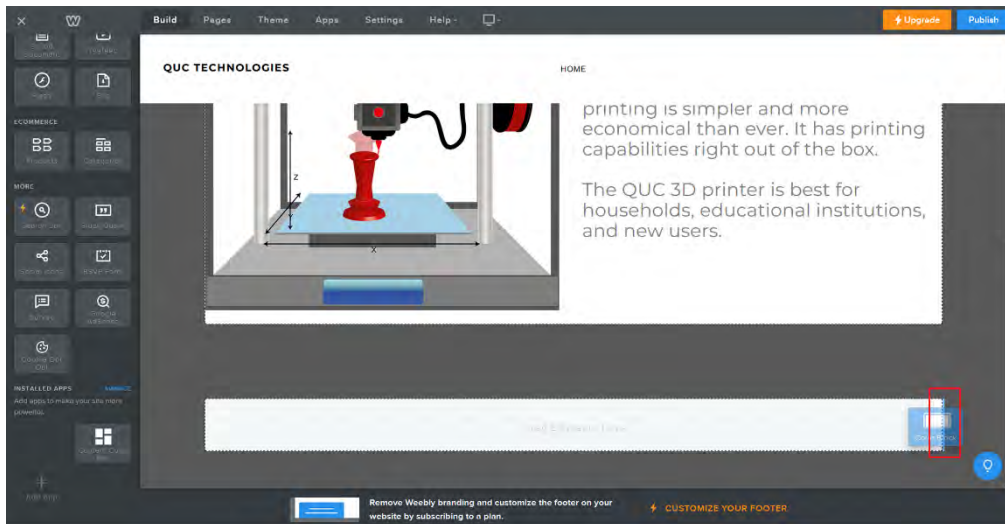
- Scroll down to bottom of the tool section
- Drag and drop the Color block



### Add one more color block tool

#### Step 11.5

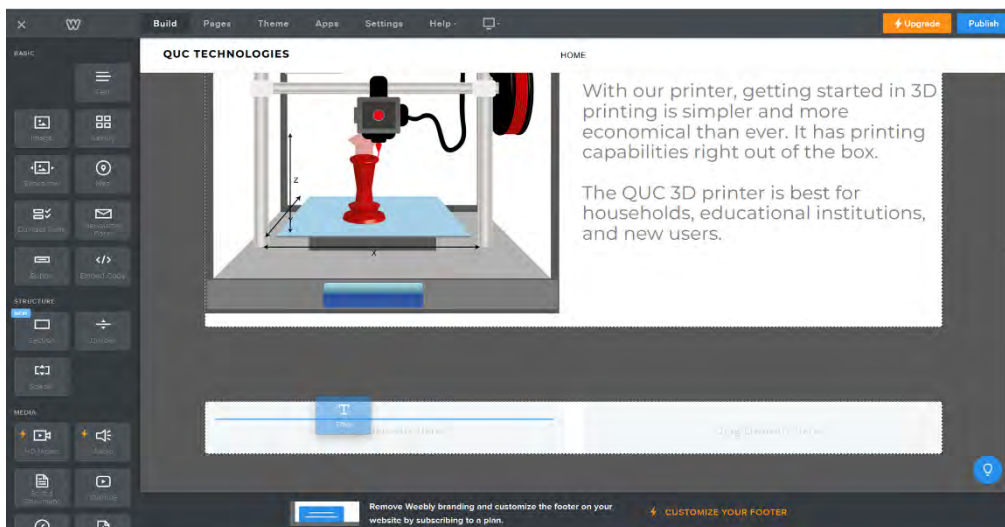
- Drag and drop one more color block tool as shown in the below image
- Keep an eye on the blue reference line and drop the tool at right side



### Add title to blocks

#### Step 11.6

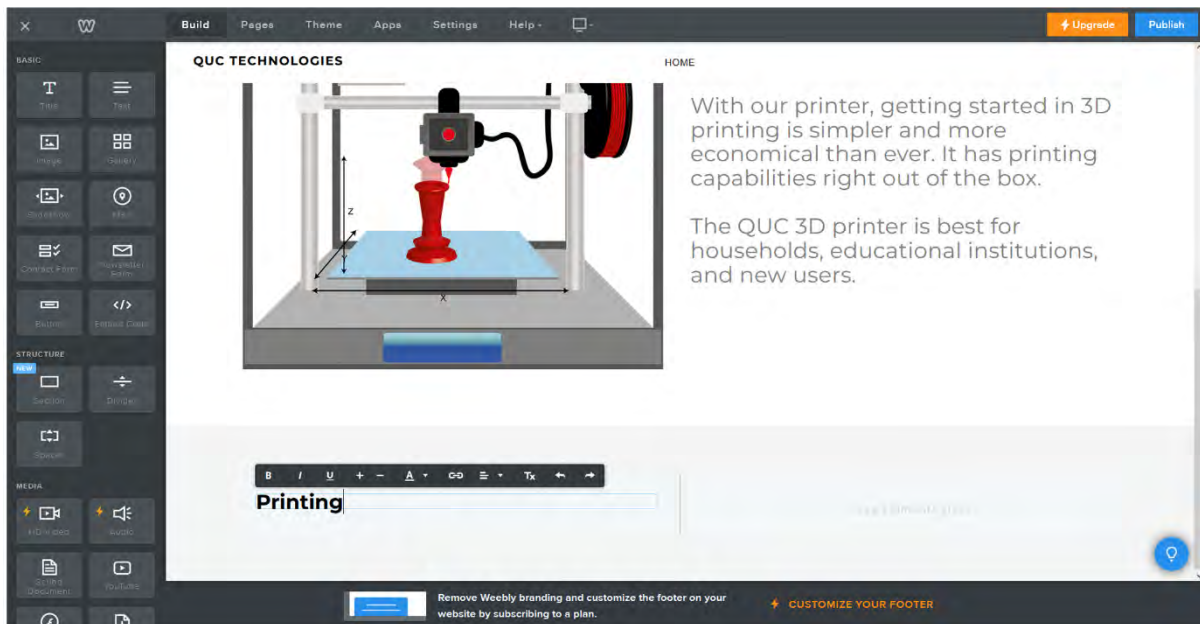
- Scroll top on tools section and find the Title tool
- Drag and drop the title tool on first color block section as shown in the below image
- Remember to take the reference of the blue line and accordingly drop the title tool as shown in the below image





## Step 11.7

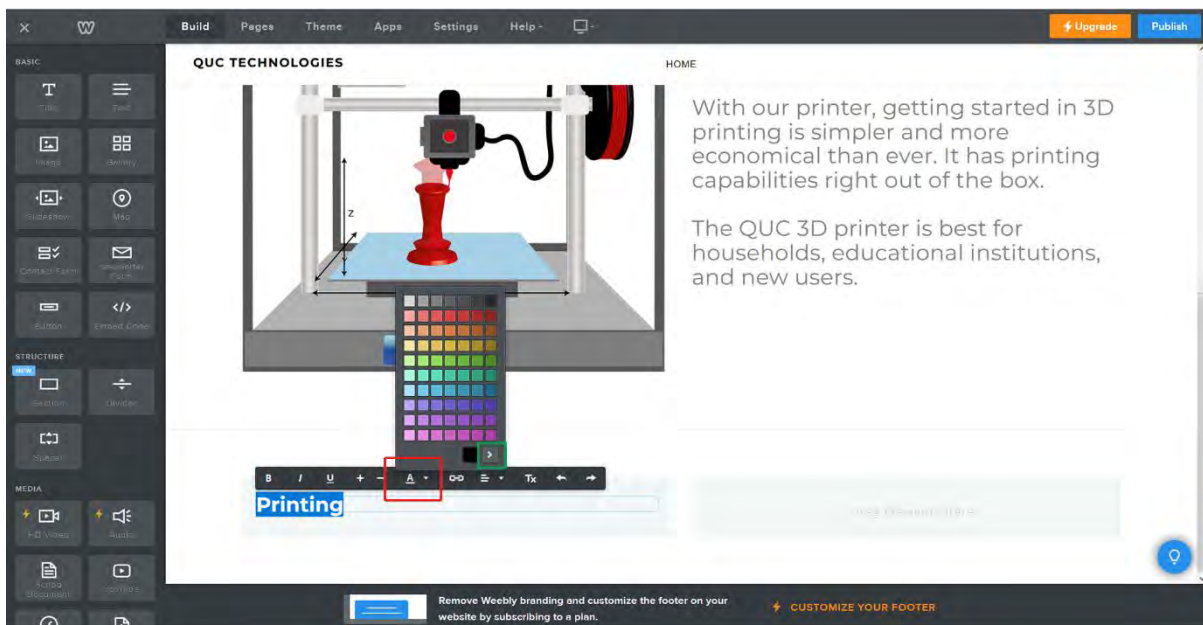
Click on the text and give the title as **'Printing'**.



## Editing the title text

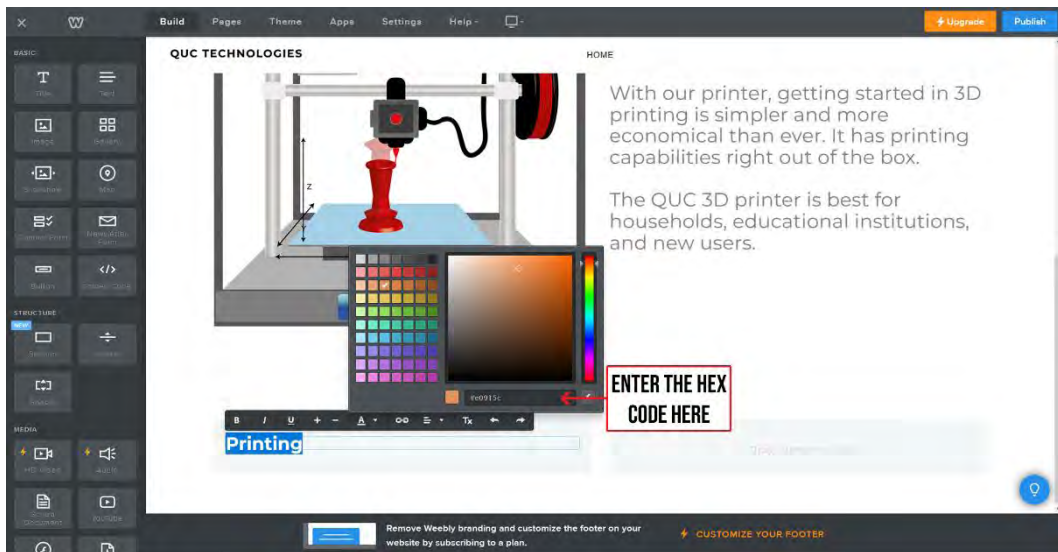
## Step 11.8

- Select the text
- Click on change color button marked inside the red box in below image.
- Next, click on expand button marked inside the green box in below image.



## Step 11.9

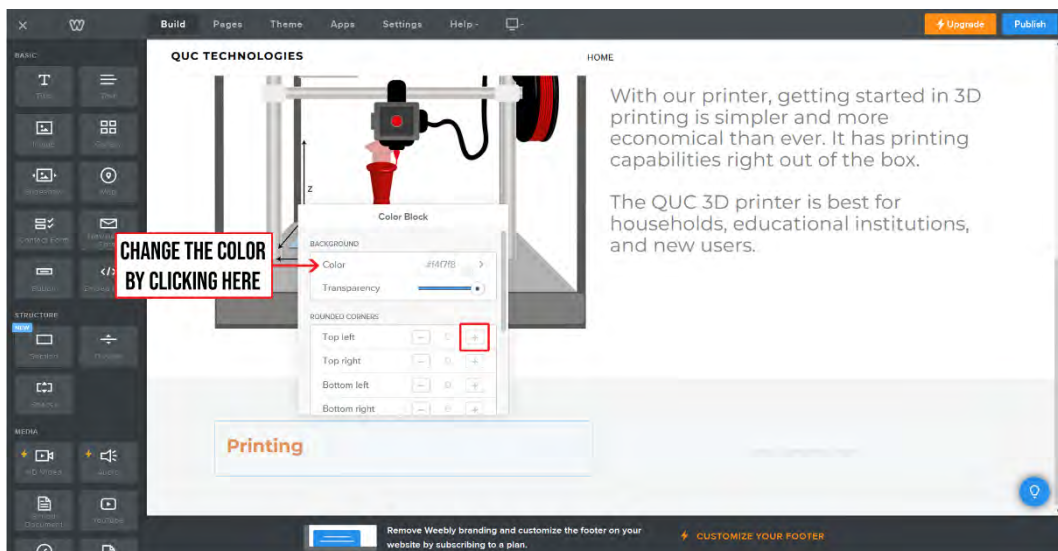
Add hex color code #e0915c and press enter to change the color.



## Editing of color block section

### Step 11.10

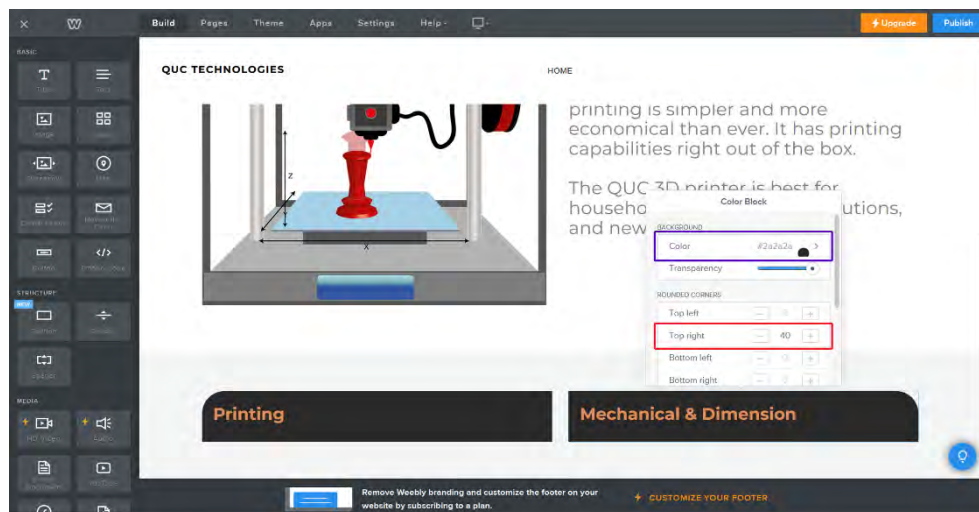
- Click on the Color Block section
- A menu pops up as shown in the below image
- Click on the Color button: Type #2a2a2a hex color code and press enter to change the block color to black
- Then under Rounded Corners section: Increase the Top left corner to 40 by pressing the "+" button pointed inside the red color box



## Editing of right-side color block

### Step 11.11

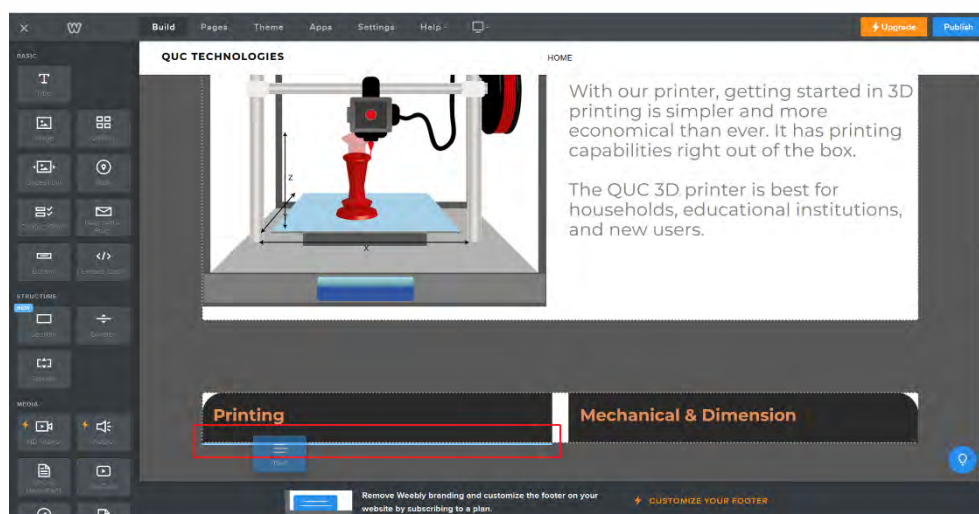
- Follow the above steps from 11.6 to 11.10 for the right color block.
- Type the title text as 'Mechanical and Dimension'.
- Increase the top right value to 40 as shown in the below image.



## Adding specification text of the 3D printer

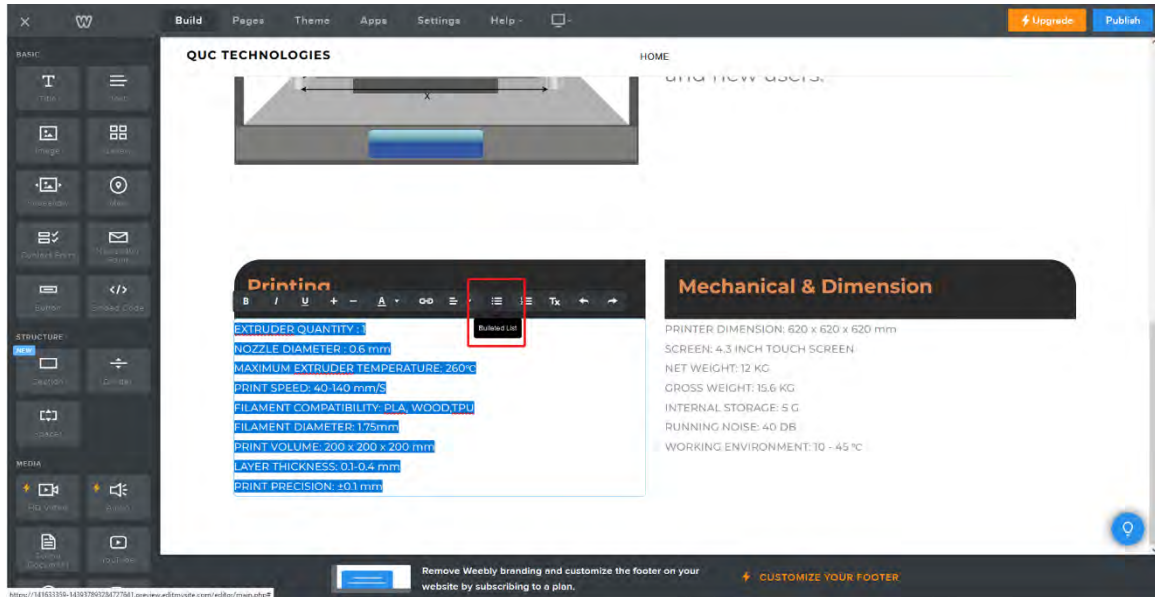
### Step 11.12

- Drag and drop the text tool to add specifications of the 3D printer.
- Again, take the reference of the blue line as shown in the below image before dropping the text element.
- Repeat the same for the block on the right.



## Step 11.13

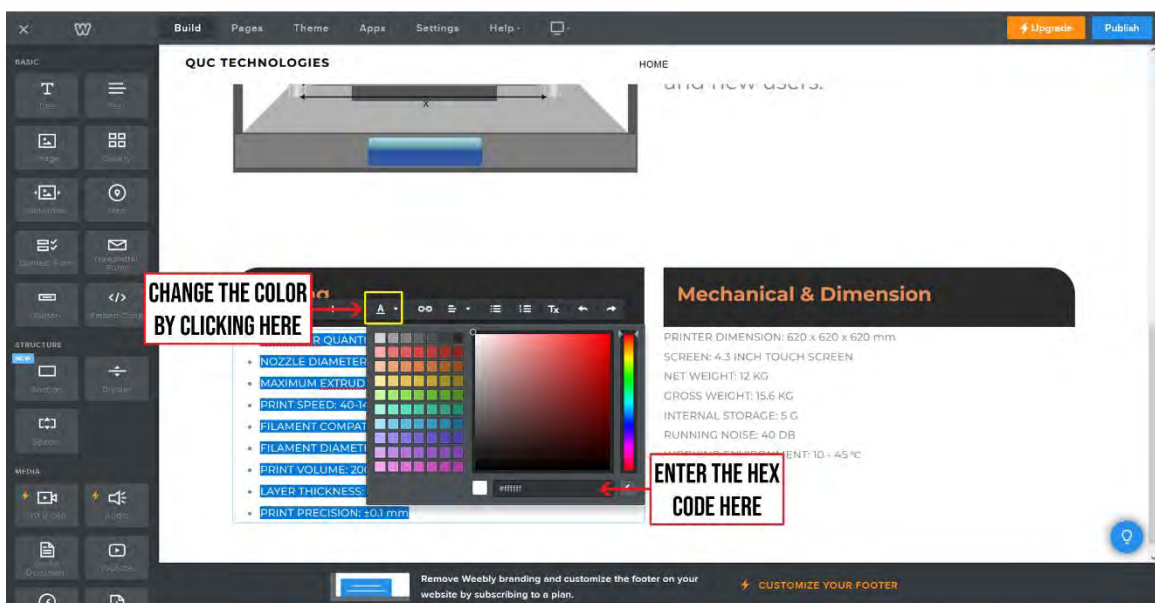
- Add the specification text under 'printing', 'mechanical and dimension' sections
- Next, select all text and click on bulleted list, as shown.



## Changing the text color

### Step 11.14

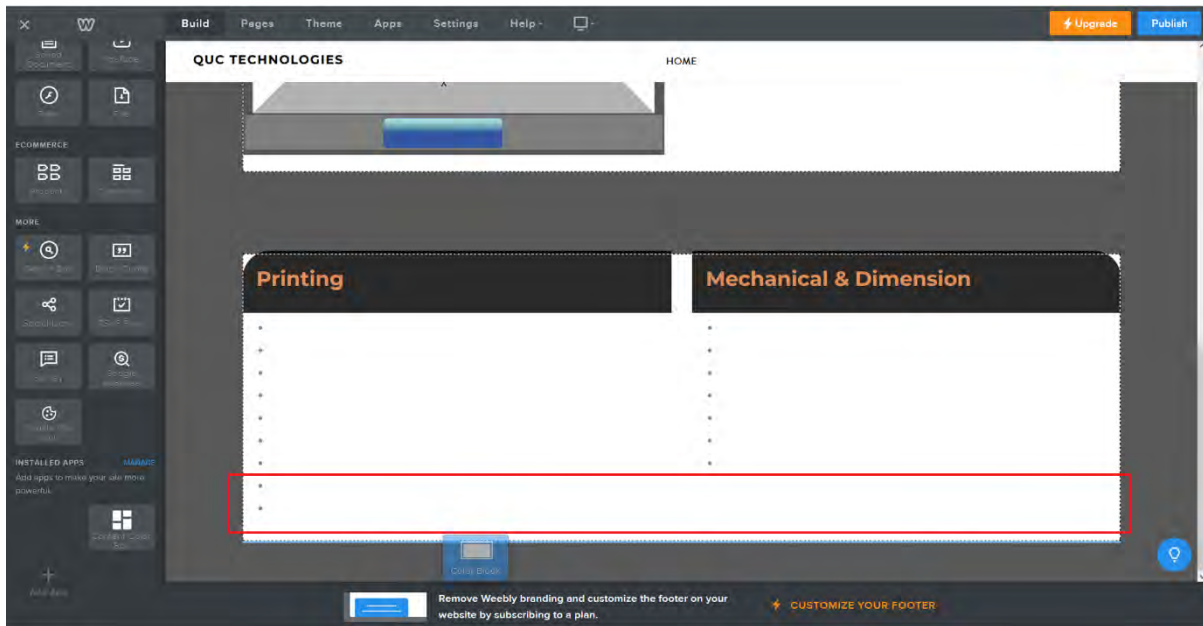
- Next, click on change color button pointed inside yellow box. Type the hex color code: #ffffff and then press the enter key to embed the color as shown in the below image
- Repeat the same for the 'mechanical and dimension' section.



## Adding two more Color blocks

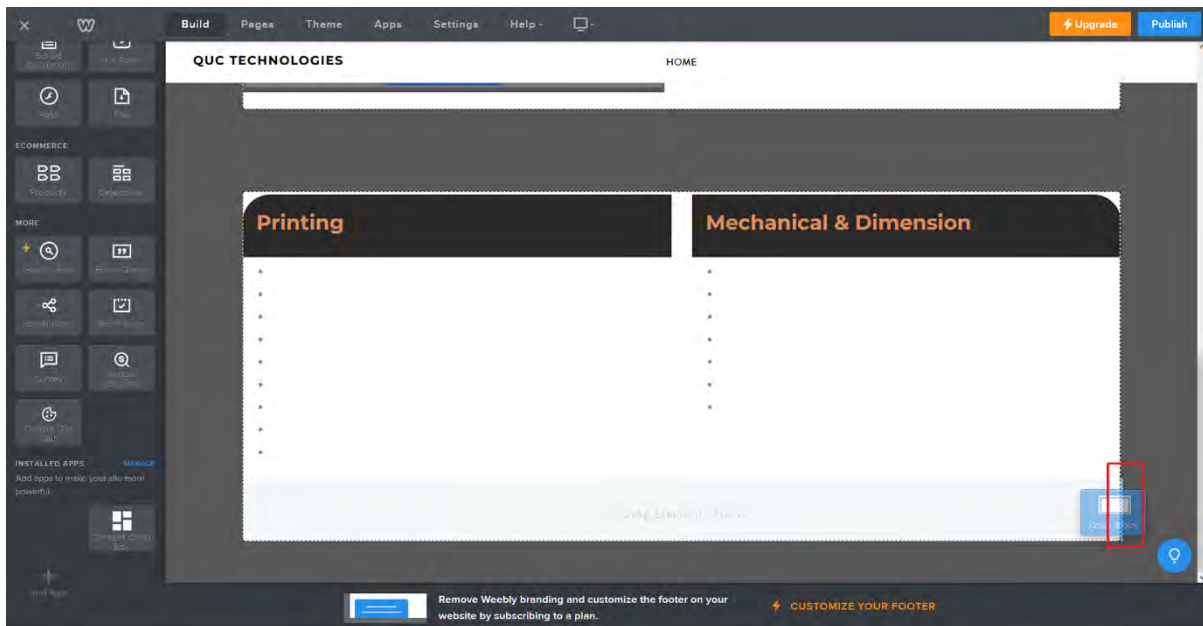
### Step 11.15

- Again, taking the reference of blue line as shown in the below images add two more color blocks
- First add bottom left block



### Step 11.16

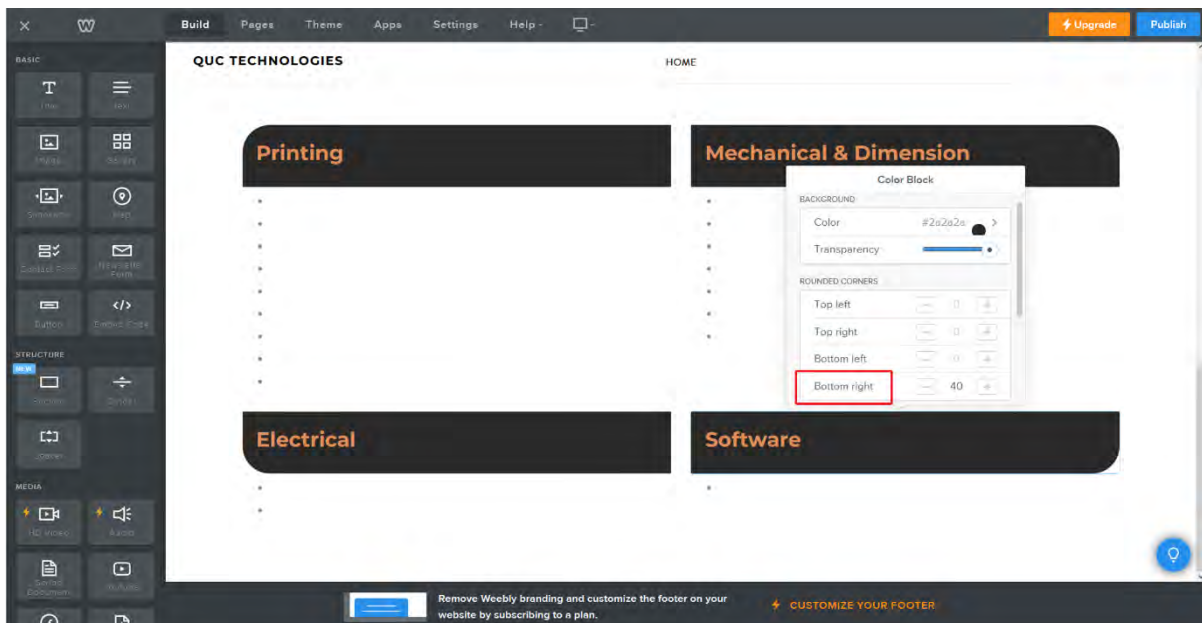
Next, add the bottom right block.



### Editing of bottom color blocks

#### Step 11.17

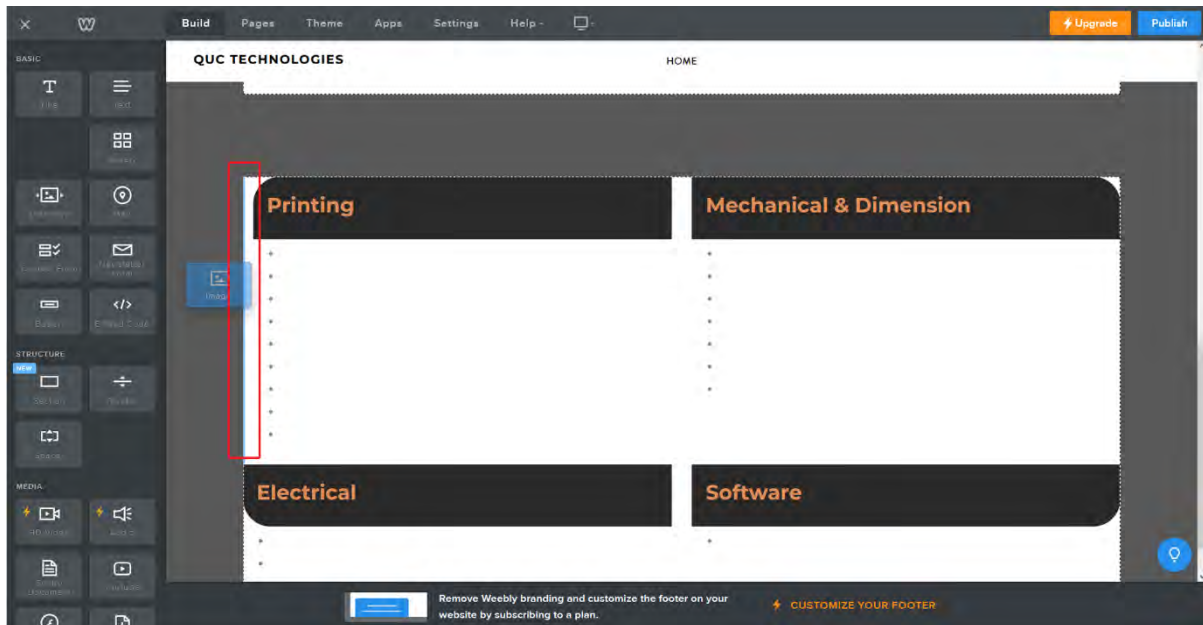
- Follow and repeat all the above steps for the new color blocks
- Add the title and change the color
- Add the text tool by taking the reference of the blue line. Add specification and change the color of the text
- Change the color of the block to black
- Under rounded corner section: Increase the Bottom left and right by 40
- Once you have completed all the steps it should look like this as shown in the below image.



## Adding an image

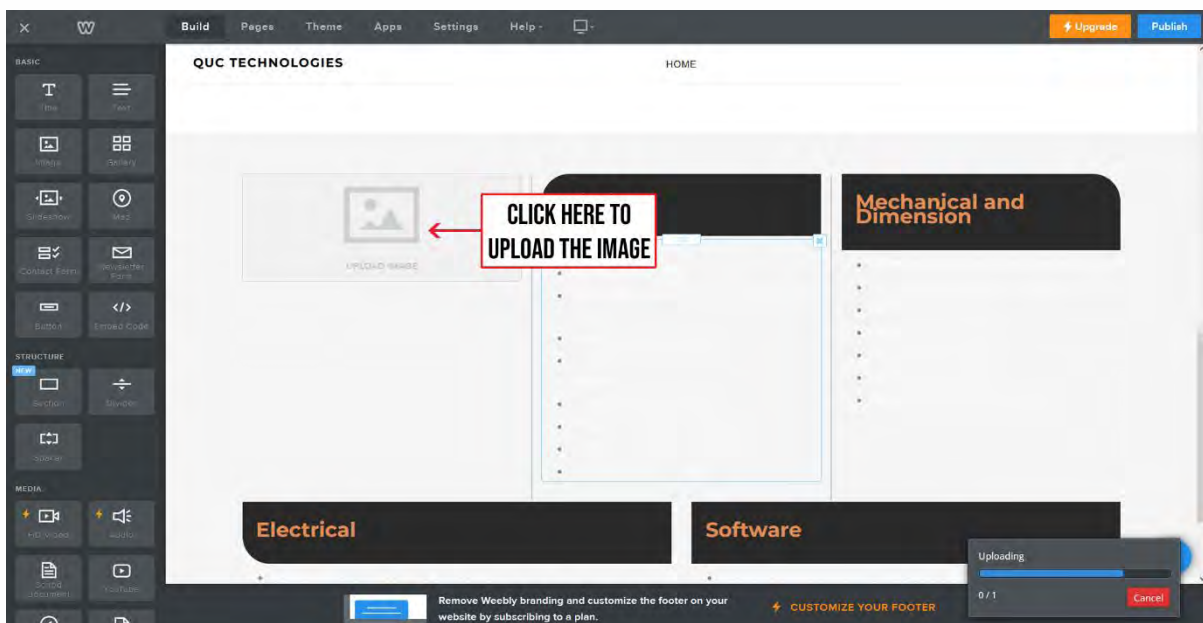
### Step 11.18

- Drag and drop the image tool as shown in the below image by taking the reference of the blue line.



### Step 11.19

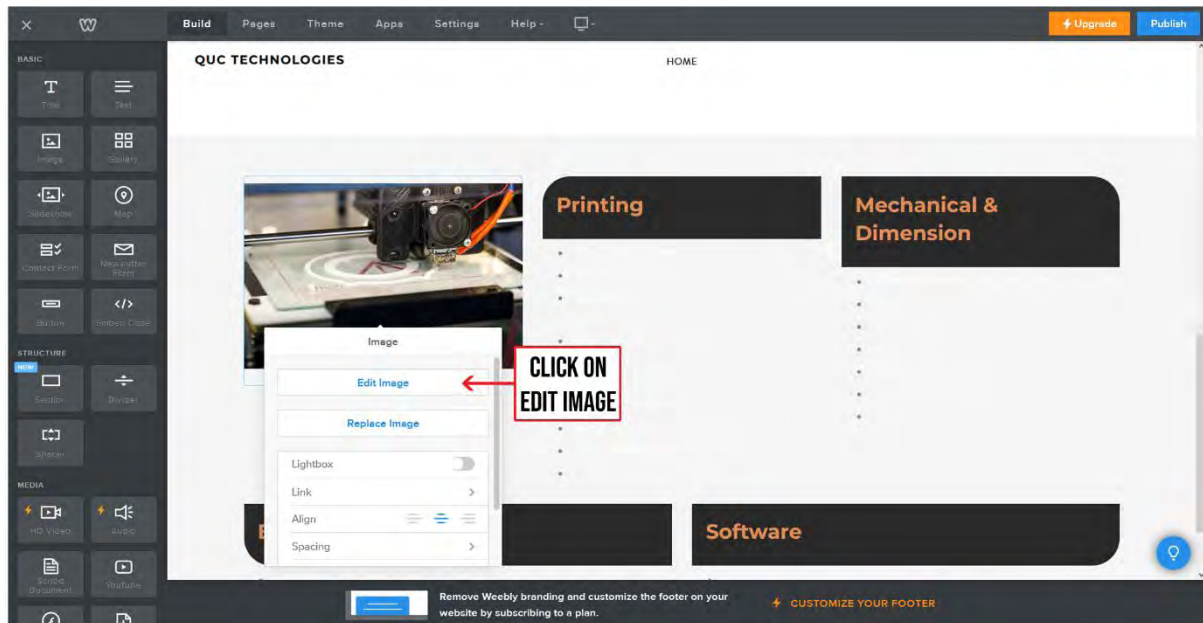
- Click on the image block and upload the image of the 3D printer, either uploading from your computer or using the drag and drop option as done previously.



### Exploring the edit image button

#### Step 11.20

- Click on the image, a window will pop up
- Click on the '**Edit Image**' button.



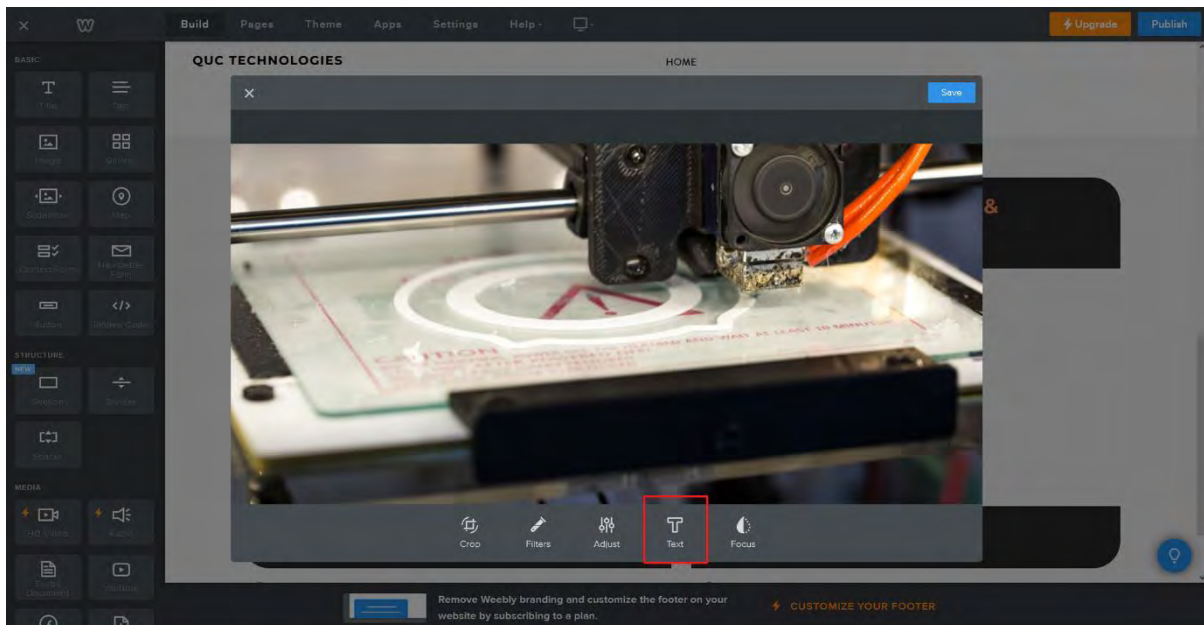
### Using Text edit

#### Step 11.21

- Once you click on 'Edit image' you will get many options to edit the image such as,
  - **Crop:** To crop and resize the image
  - **Filter:** You can apply various filters for the image
  - **Adjust:** You can adjust brightness and other tones of image
  - **Focus:** You can blur the image
  - **Text:** You can write a text on the image



- Now click on text option which is pointed inside a red box as shown.



### Adding 3D printer name

#### Step 11.22

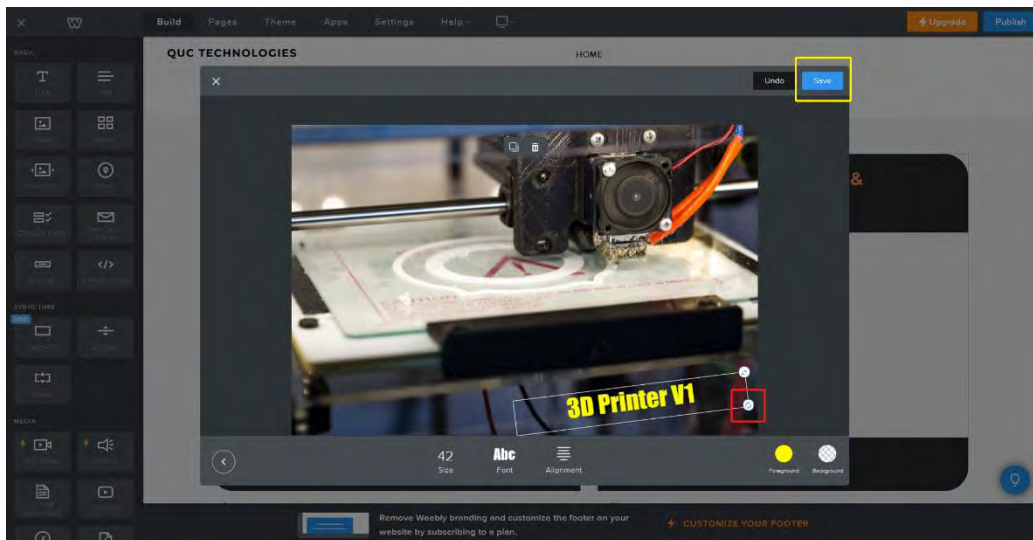
- Now double click on text box and type: **“3D Printer V1”**.
- Next, click on foreground pointed inside the red color box and change the text color to yellow.
- Next, click on font highlighted inside the orange color box and choose **“ABC impact”** as shown.



Align the text and save the image.

### Step 11.23

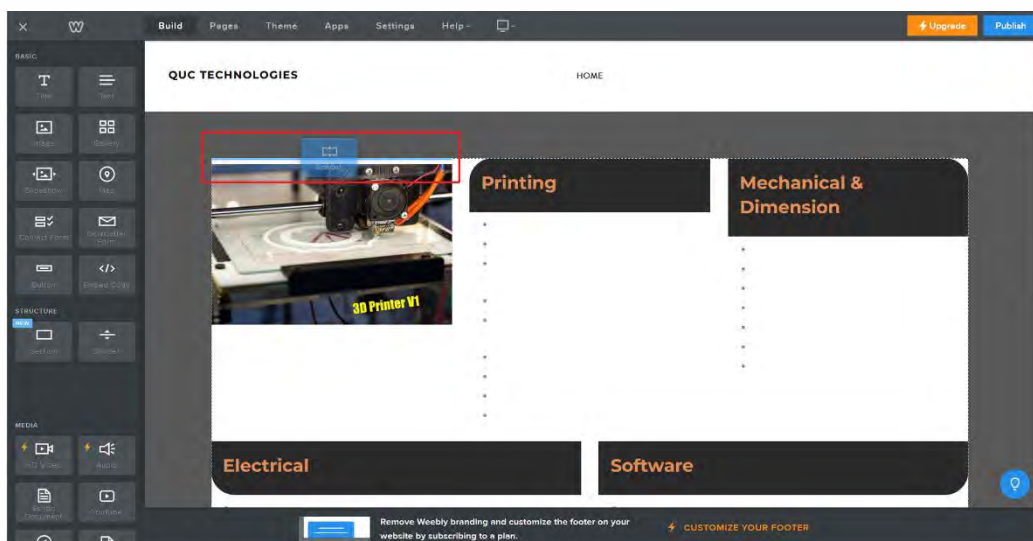
- Click on rotate option pointed inside red box and slightly rotate the text.
- Drag the text box to bottom of the image and place it as shown in the below image.
- Next, click on the save button to save the changes.



Adding Space tool

### Step 11.24

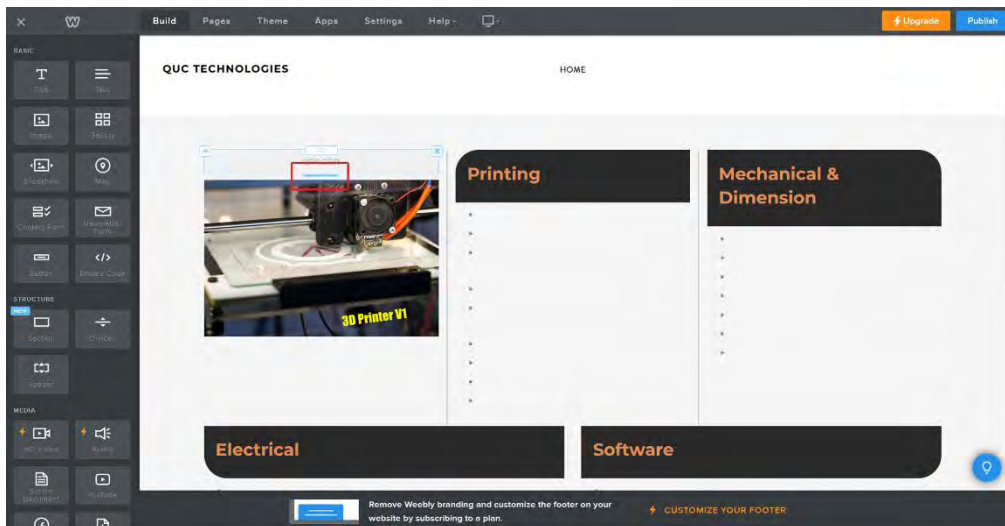
- To create some empty space between the objects we need to use the space element.
- Add the space tool as shown in the image. Take the reference of the blue line and drop the tool.



## Align the image properly

### Step 11.25

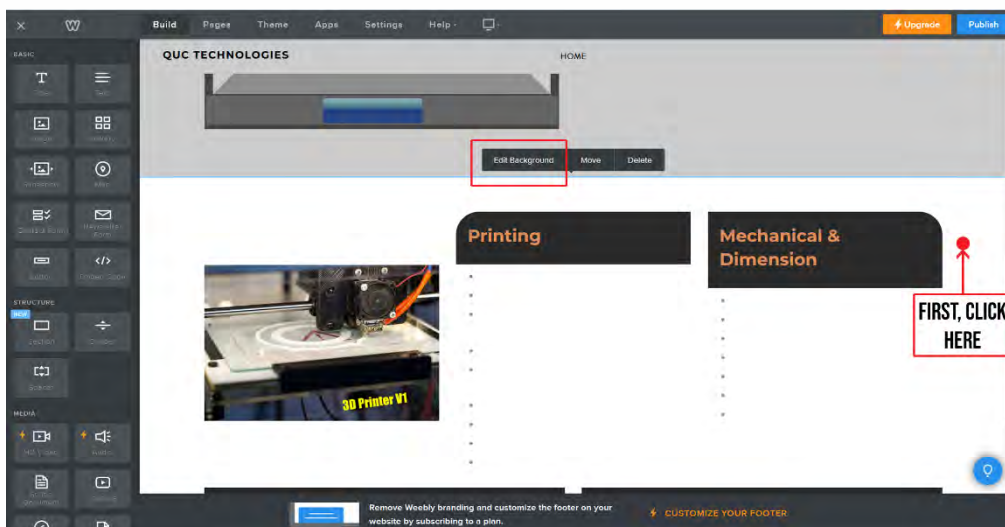
- Hover the mouse on the inserted space tool.
- Next, keep your mouse pointer pointed in the red box and drag the thick blue line to bottom side to adjust the height of the space therefore, aligning the image properly.



## Editing the background.

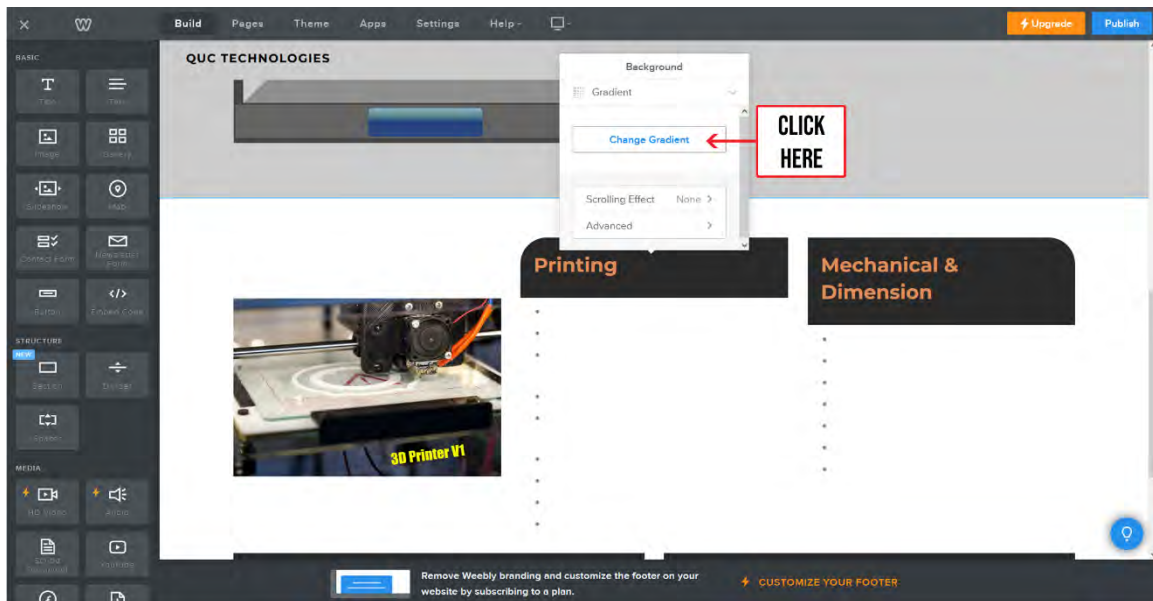
### Step 11.26

- Click at any empty point inside the current section.
- Click on the Edit Background. A menu will pop up.
- Next, click on the Gradient option from that menu



## Step 11.27

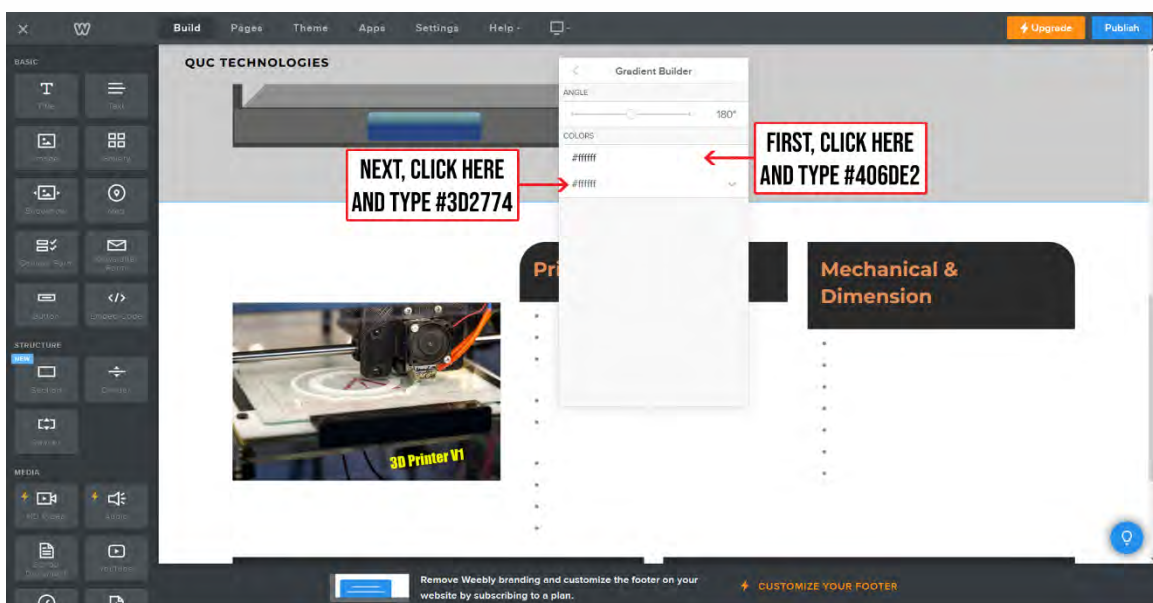
Click on the Change Gradient button.



## Add color gradients

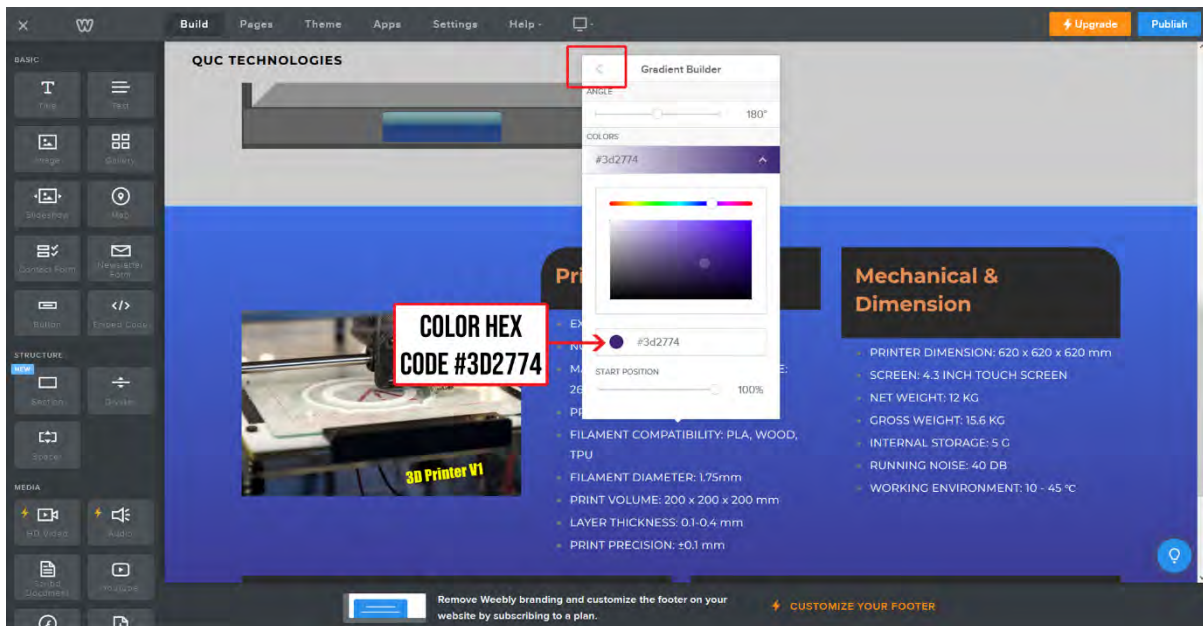
### Step 11.28

- Now under '**colors**' section click on the first color.
- Next Type the hex color code: #406de2.
- Do the same for second color section by typing color hex code as: #3d2774
- Next click on back arrow pointed inside the red box to see the gradient changes.



## Step 11.29

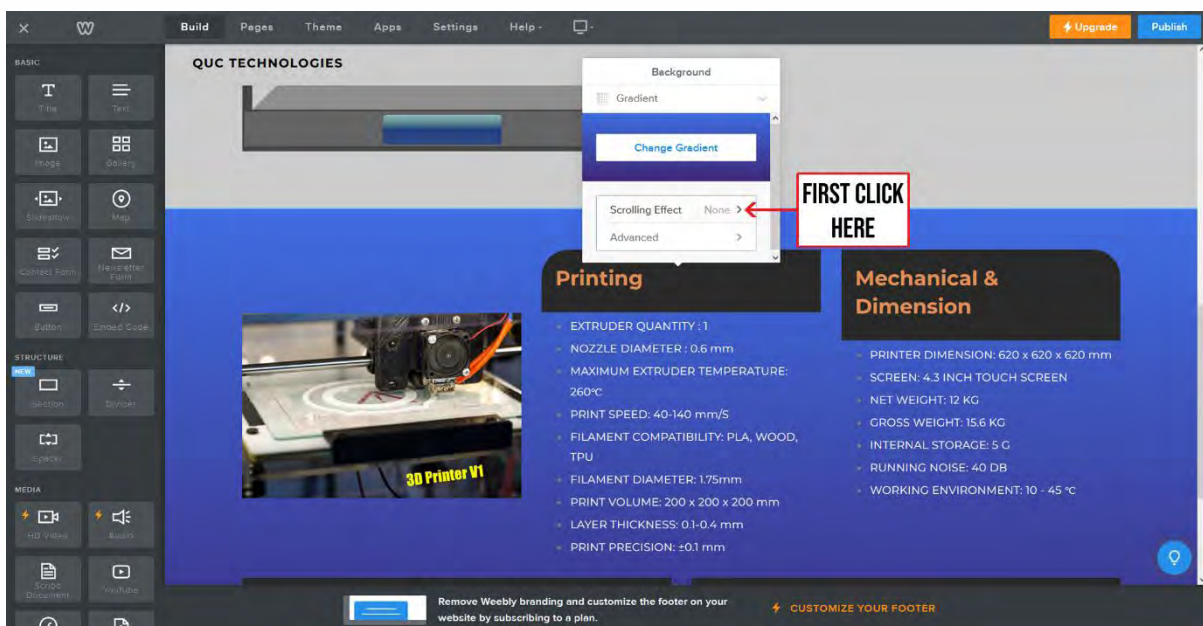
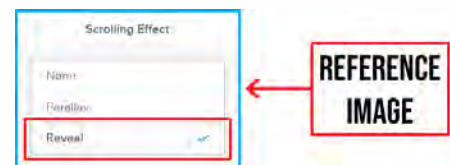
Next, click on back arrow pointed inside the red box.



## Adding reveal effect

### Step 11.30

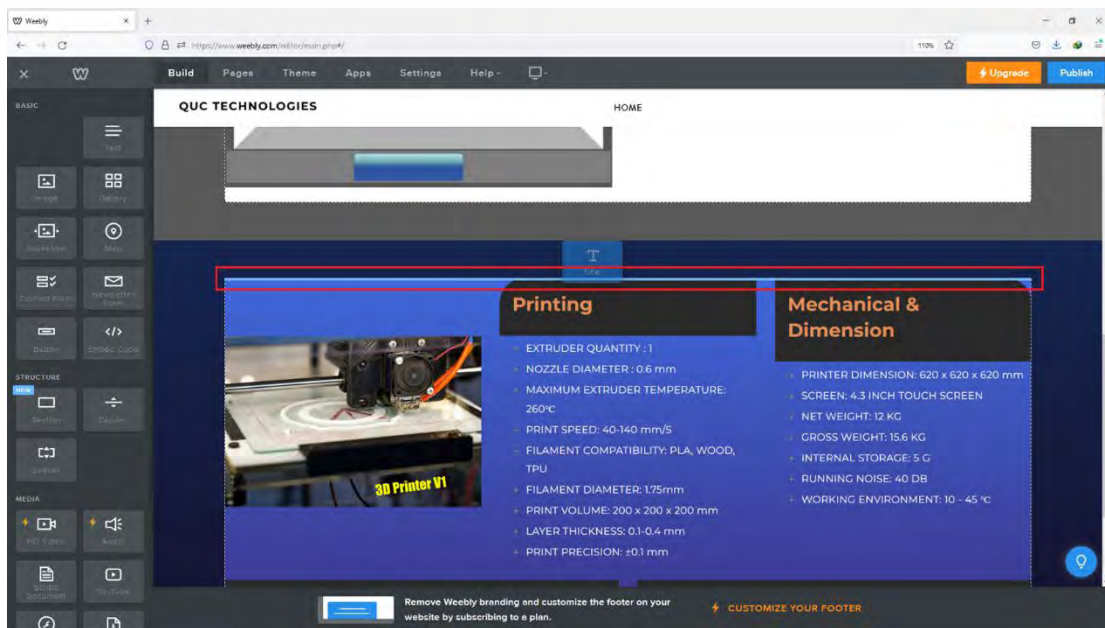
- Click on Scrolling Effect under Background window
- Next, click on 'Reveal' to add the effect.



## Add a title

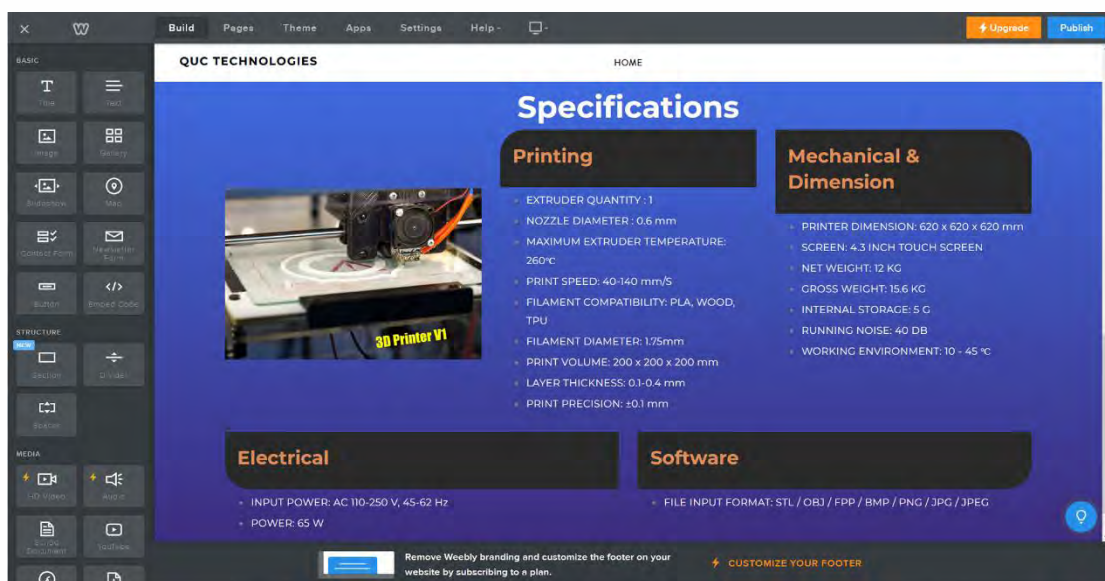
### Step 11.31

- Drag and drop the title tool as shown in the image, by taking the reference of the blue line.
- Type "Specification" as the title.
- Edit the title by increasing the font and changing the color to white(#ffffff)



### Step 11.32

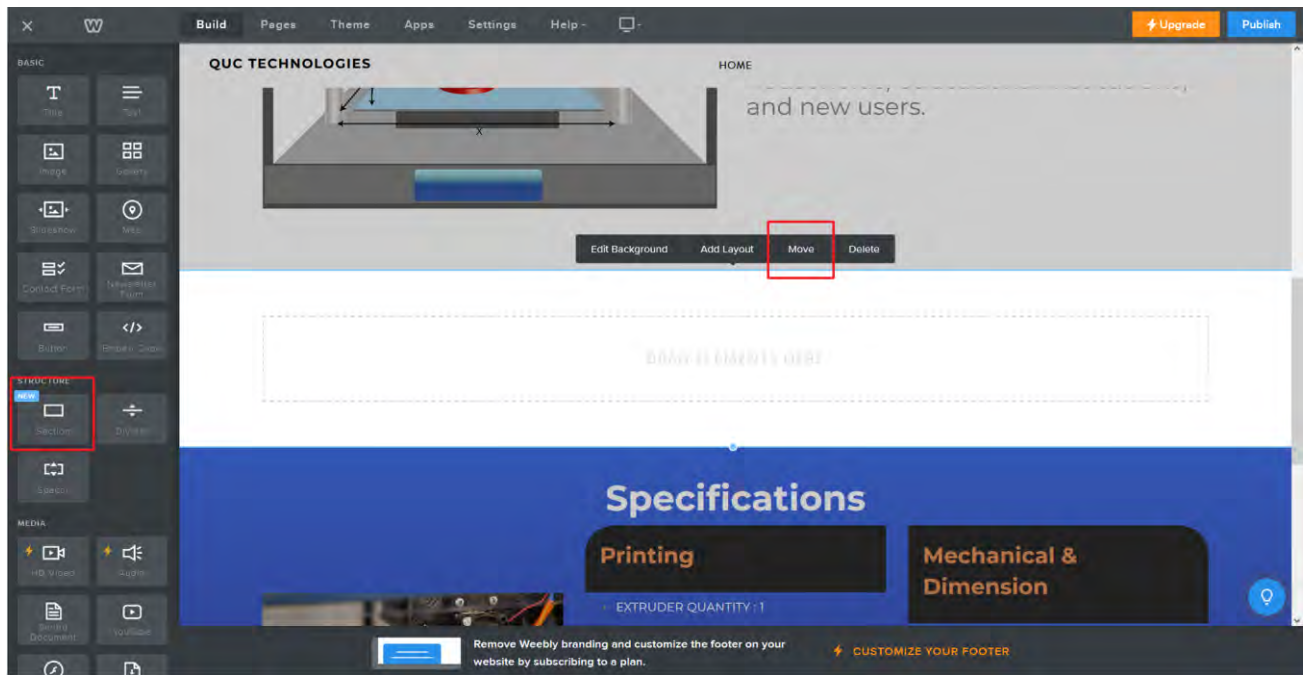
Congratulations! you have completed the Part 3



## Part 4: Creating sample prints image slideshow

### Step 12

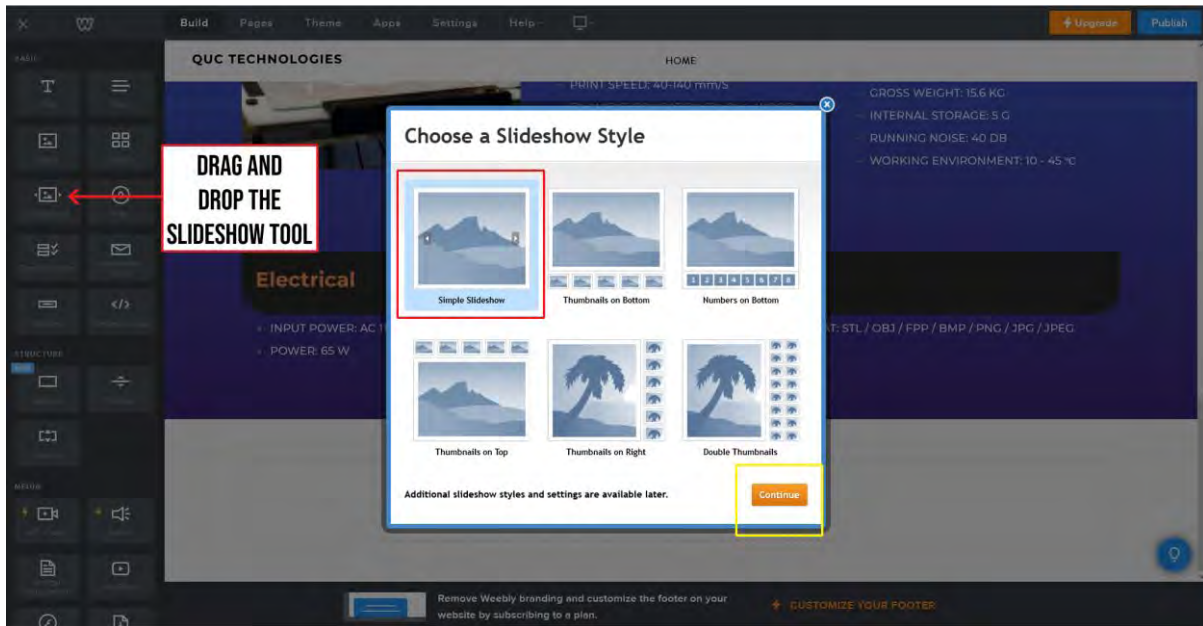
- Drag and drop section tool to create new Part.
- Follow the same previous steps and move this section below the specification Part.
- Click on **'Move'** button >> **'On this page'** >> **'Down'**.



### Step 12.1

- Drag and drop the Slideshow tool.
- Once you have done this, a slideshow style window will pop up as shown.
- You can choose any of the slideshow method, but currently we are using simple slideshow style.
- Select the simple slideshow.

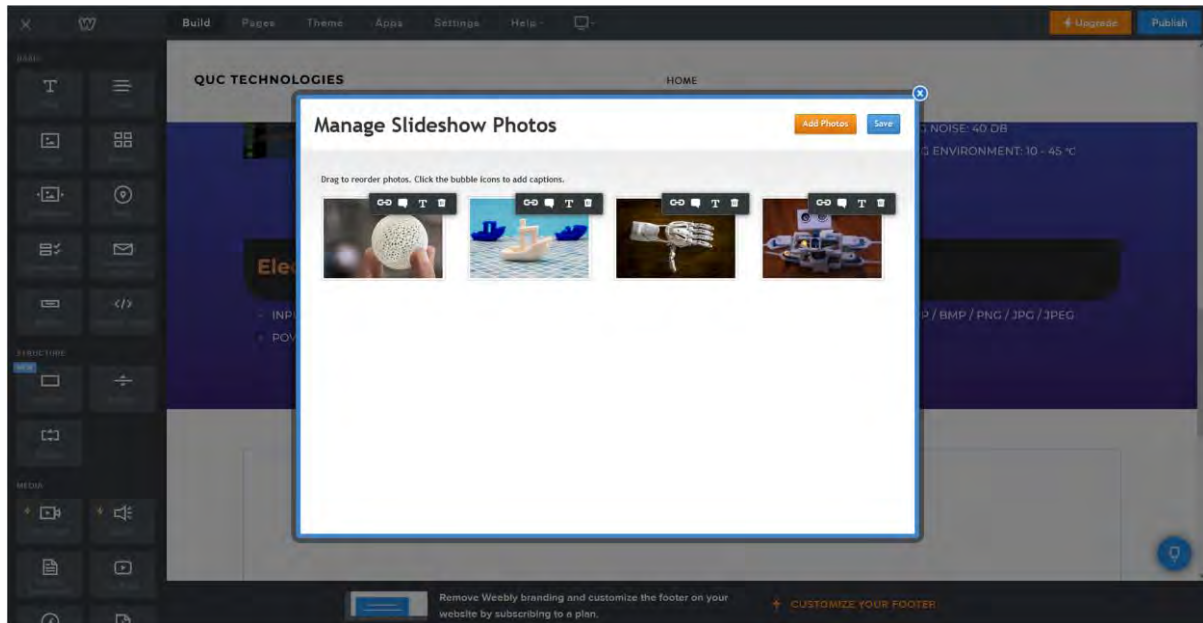
- Next, click on Continue button marked inside the orange box.



Adding images.

## Step 12.2

- As done previously for image tool, either drag drop the images or click on insert from computer to add images.
- Once you're done it will look something like the below image.

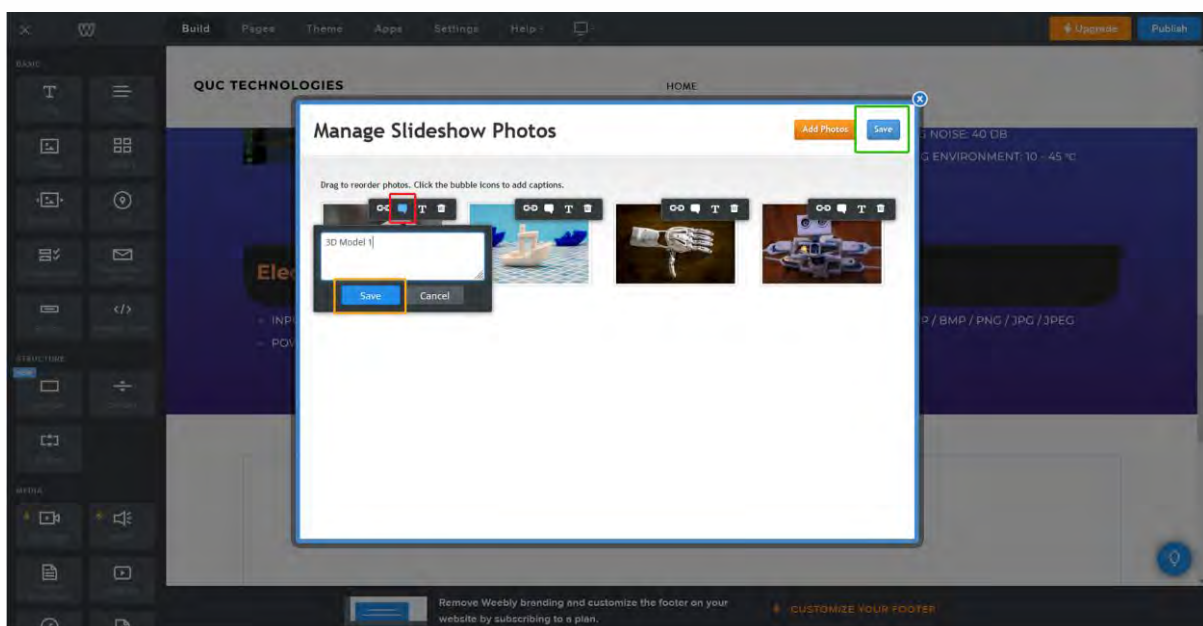




### Adding caption for images

#### Step 12.3

- Next, click on caption button pointed inside red box.
- Type a caption for the image. Give the caption as “3D Model 1”.
- Repeat same for other three images as 3D Model 2,3,4.
- Next, click on save button to save the caption pointed inside orange box.
- At the end click on top right corner save button pointed inside green box to save the slide show images.

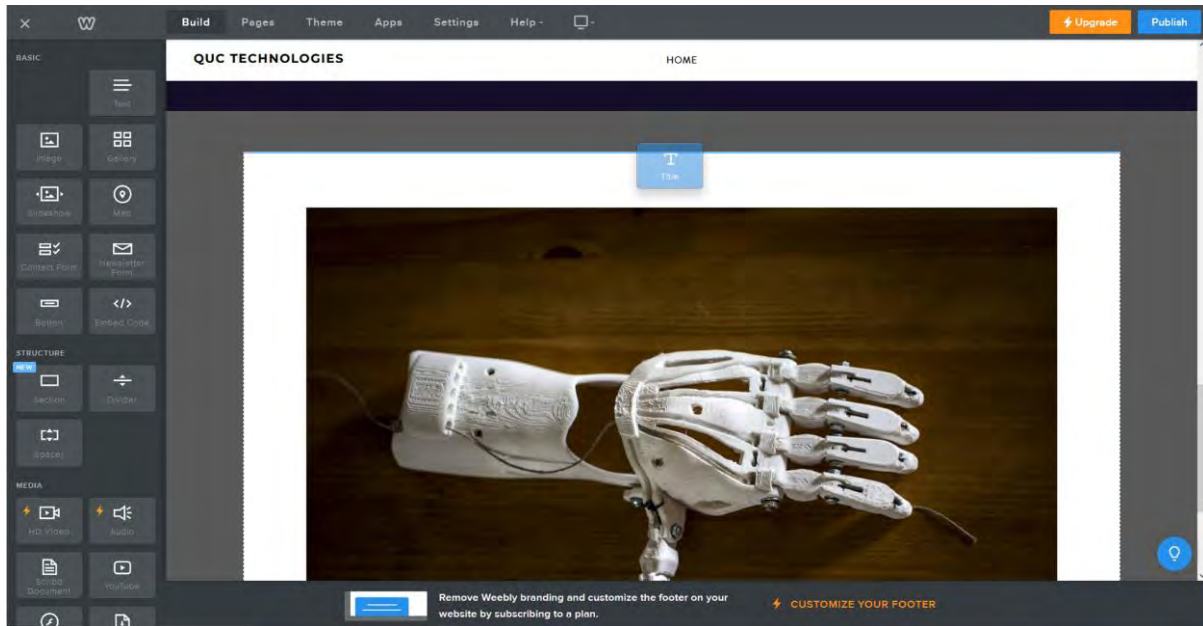


### Adding title for the slideshow.

#### Step 12.4

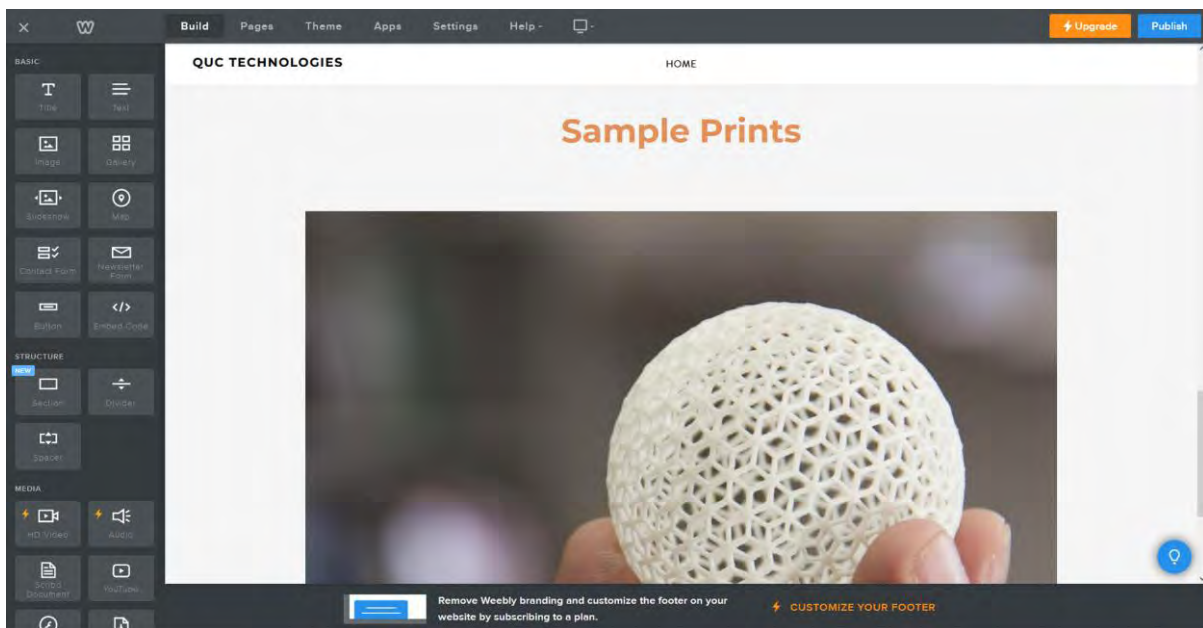
- Drag and drop the Title tool as shown.
- Give the title as Sample Prints.
- Change the color of the text to #e0915c or select the orange color.

- Next, centre align the text.



## Step 12.5

Congratulations on completing the Part 4!

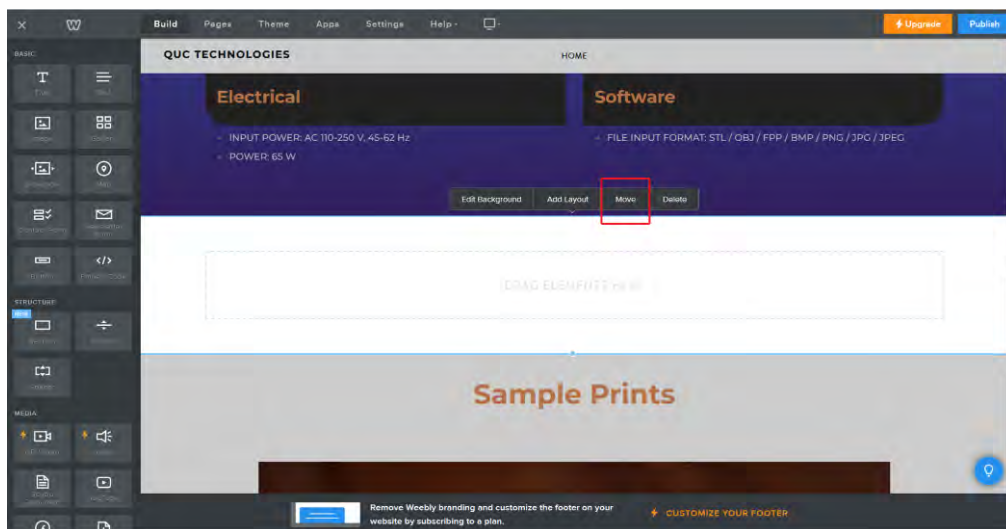


## Part 5: Adding quote about the company

Create a new section

### Step 13

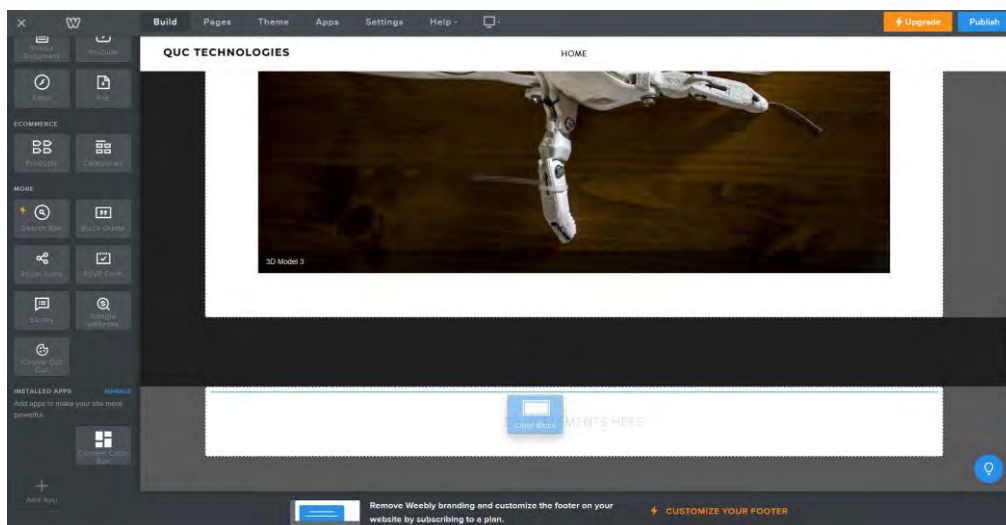
- Drag and drop section tool and follow the previous steps and move it below the Part 4.
- Click on **'Move' >> 'On this page' >> 'Down'**.



Adding color block and title tool.

### Step 13.1

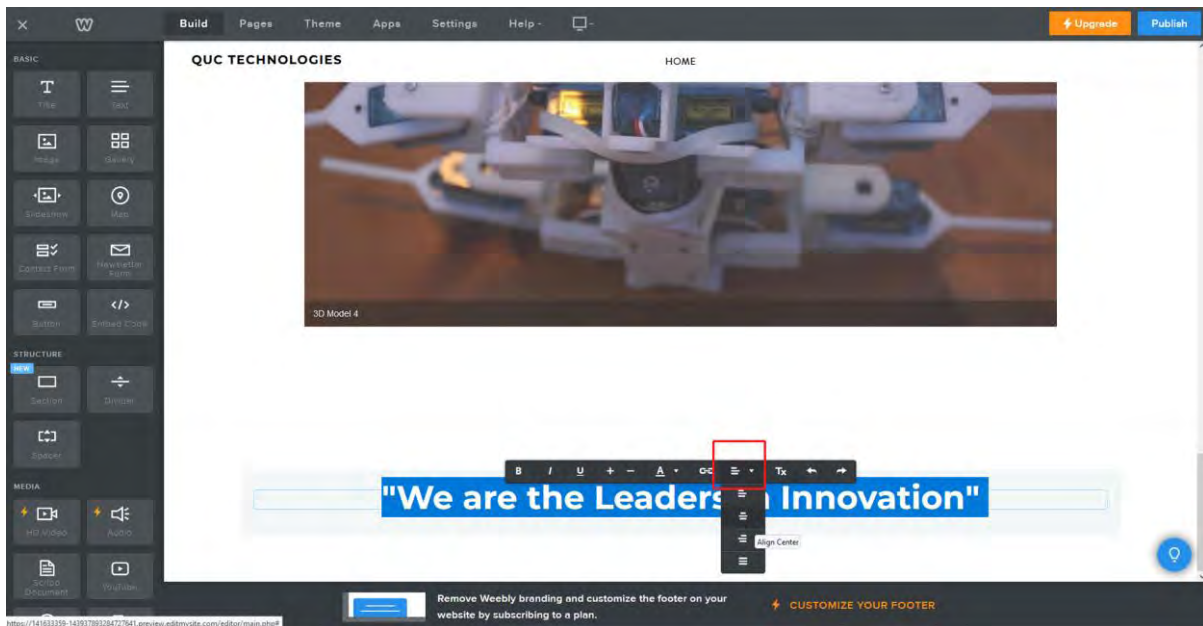
- Now drag and drop the color block to this new section.
- Next, drag and drop Title tool to add the text.



Adding the quote and editing it.

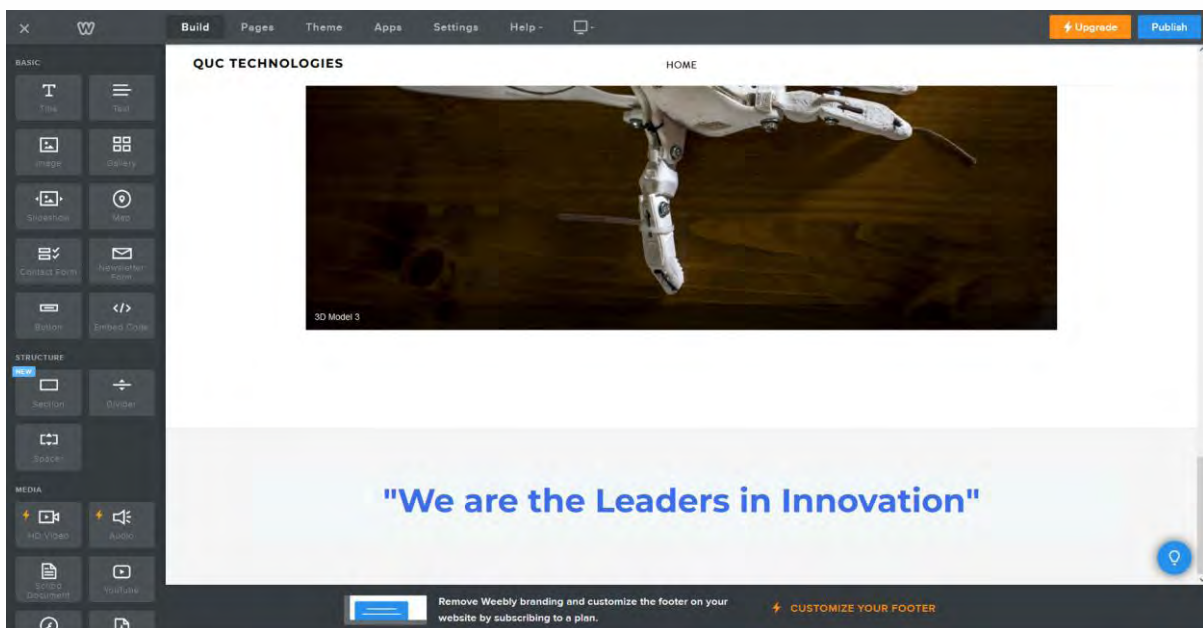
### Step 13.2

- Add a quote as **"We are the Leaders in Innovation."**
- Change the font color, you can use the hex color code: #406de2.
- Increase the font size and centre align the text



### Step 13.3

Congratulations! you have completed the Part 5.

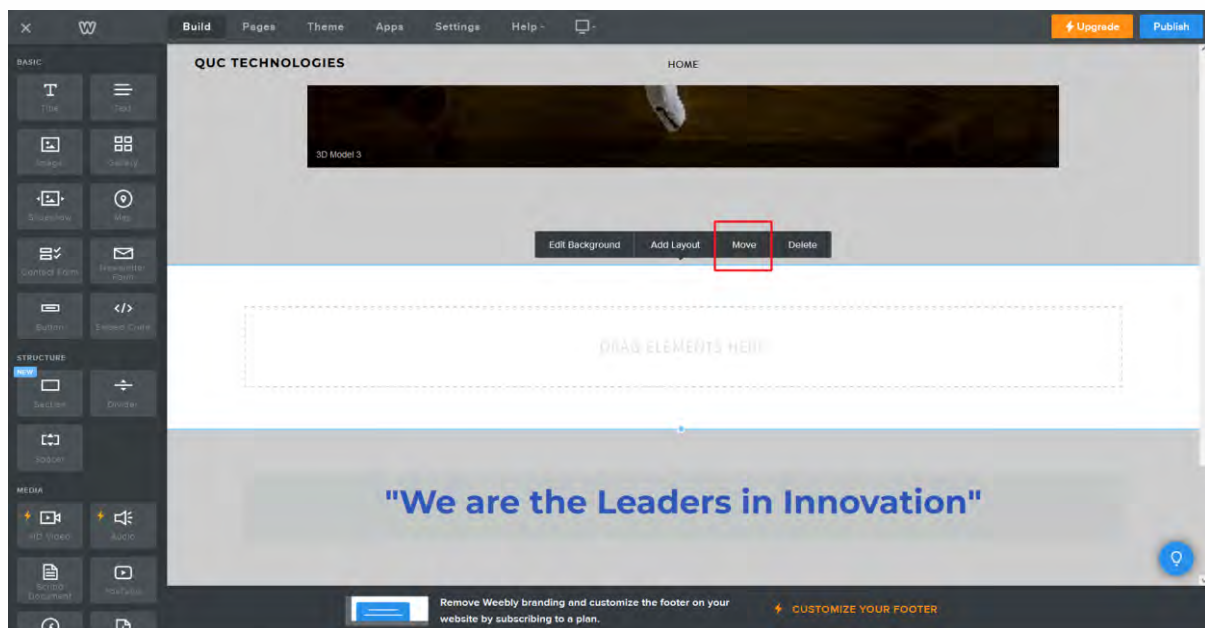


### Part 6: Adding address, location of the company and creating get quote form.

#### Creating a new Part

##### Step 14

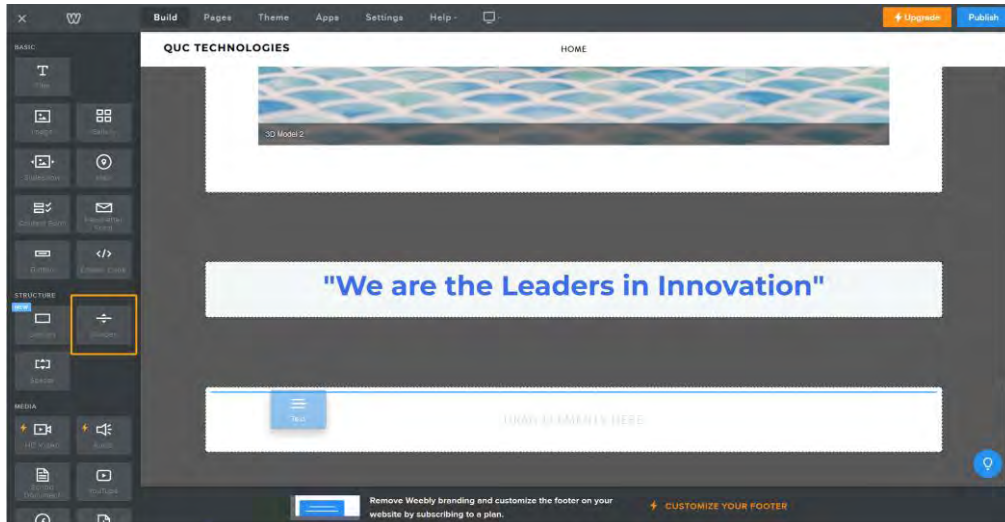
- Drag and drop section tool and follow the previous steps and move it below the Part 5.
- Click on **'Move'** >> **'On this page'** >> **'Down'**.



### Adding the text tool

#### Step 14.1

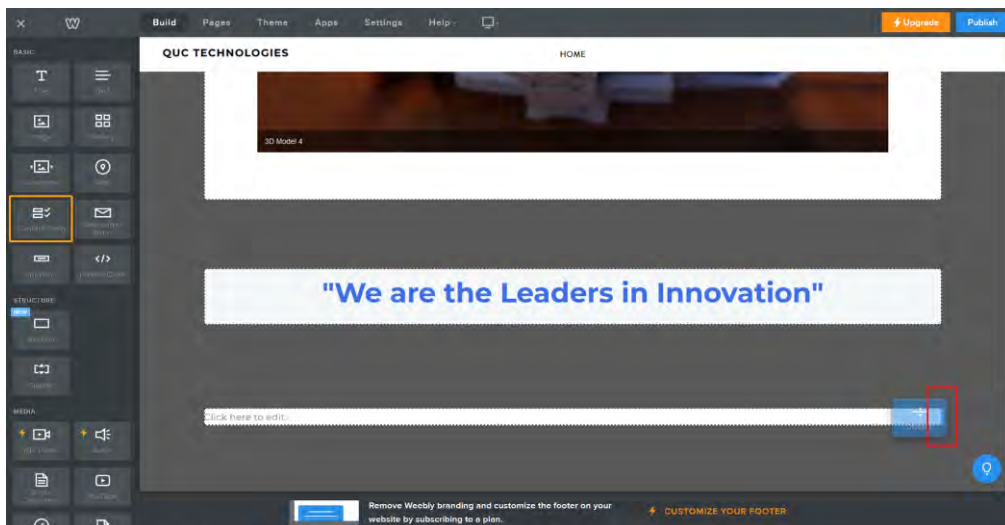
- Drag and drop text tool as shown in the image.
- Next, we will learn to use the divider tool.



### Adding divider tool

#### Step 14.2

- Divider tool is used to add a divider between the elements.
- Drag and drop the divider tool, taking the reference of the blue line as shown in the image.
- Next, we will add the Contact form tool inside the divided section.

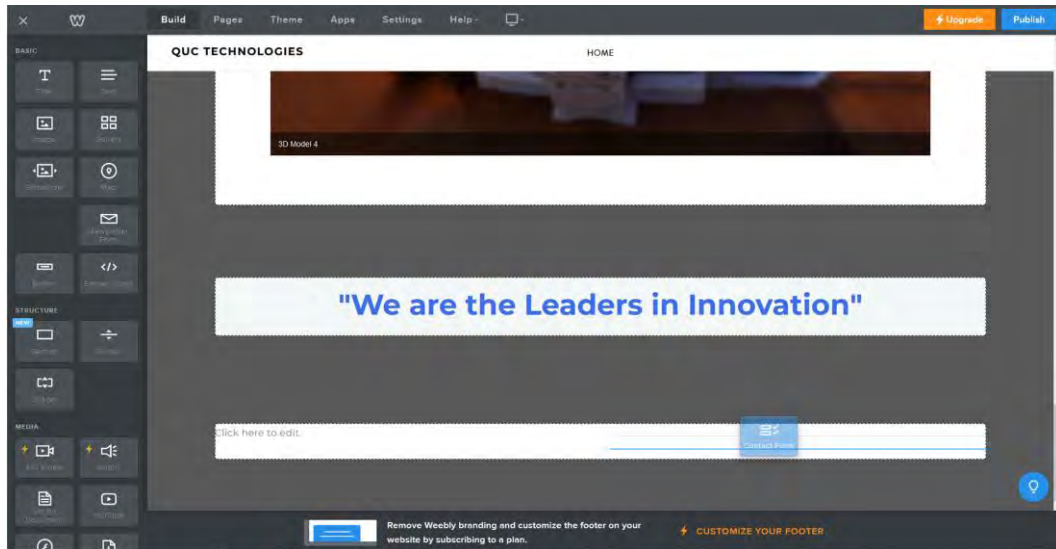


## Creating a client requirement form.

A contact form helps to get client requirements on products, upon submitting the form the website owner will be notified of the same via mail or you can also check the entries manually.

### Step 14.3

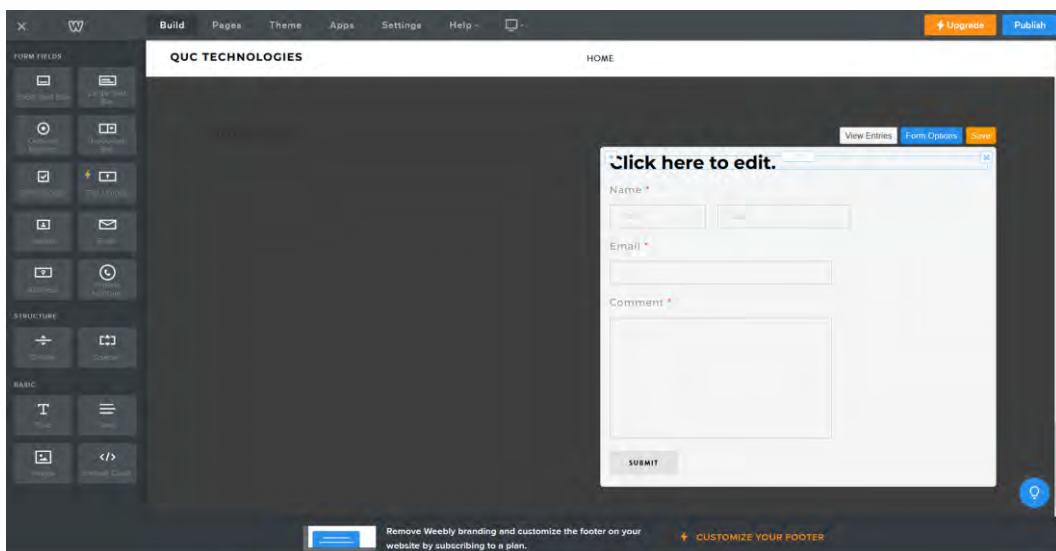
- Drag and drop the contact form tool as shown in the image.



## Adding title to the contact form.

### Step 14.4

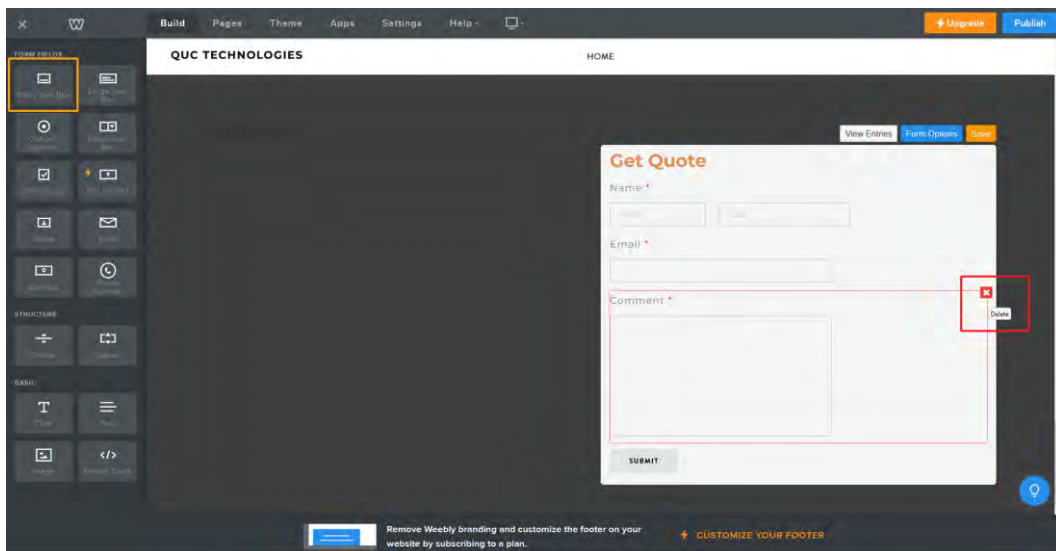
- Now click on the form, hover to title text of the form.
- Change the title as **'Get Quote'**.



### Editing the form

#### Step 14.5

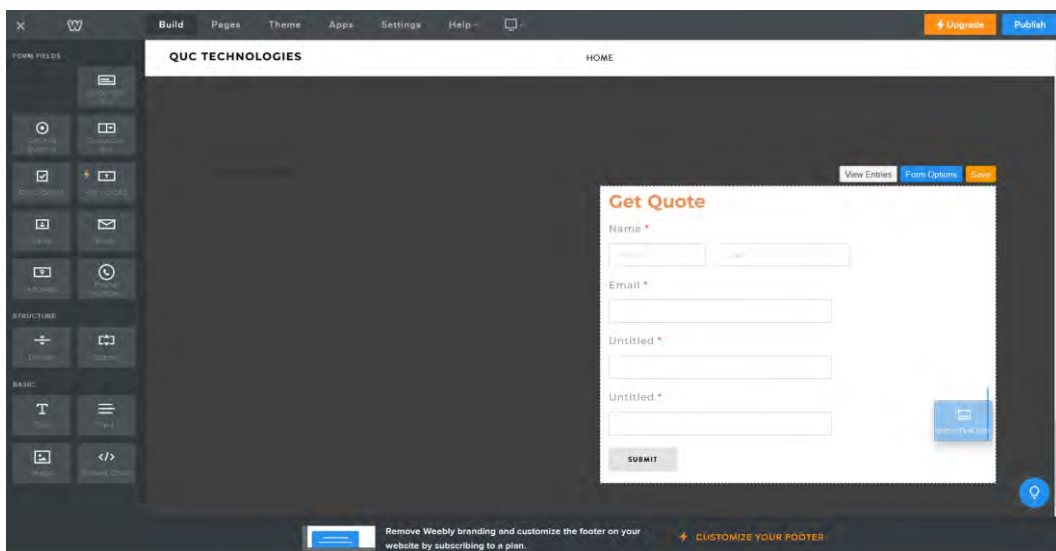
- Once you have typed the title, change the color of the title to orange or use hex code: #e0915c
- Next hover on the comment section to delete it.
- In the next step we will be using the **'Short text box'** element, to write text inside the form which helps to get additional information from the client



### Adding Short text box tool

#### Step 14.6

- Drag and drop 3 **'Short Text Box'** tool as shown in the image.

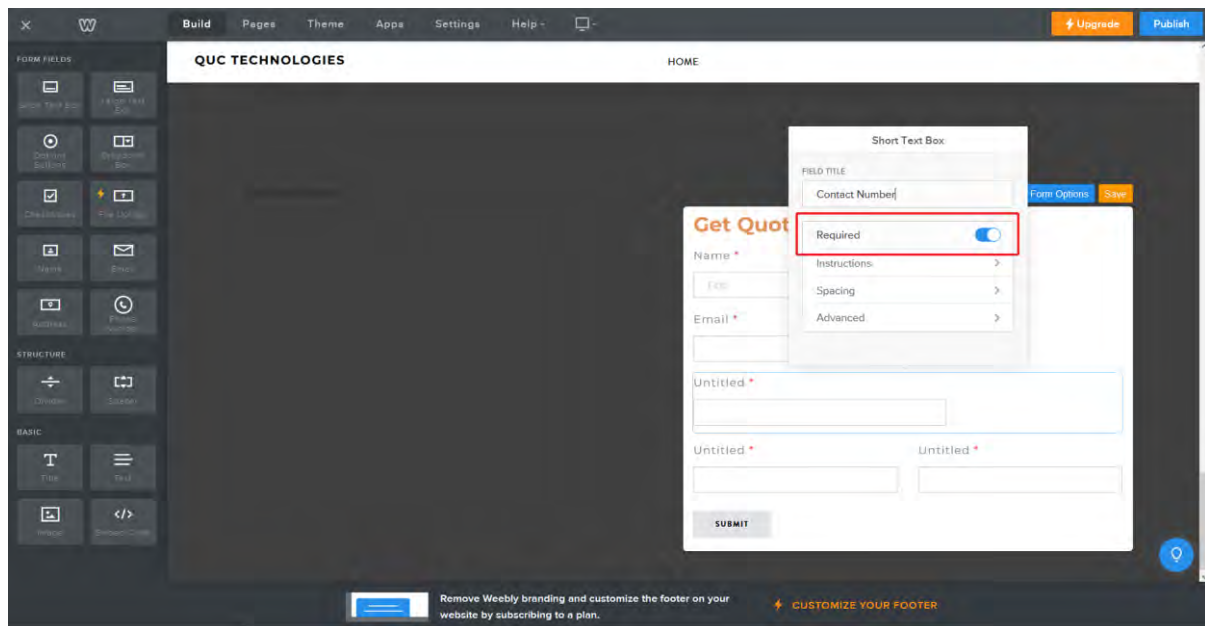




## Adding title to the fields

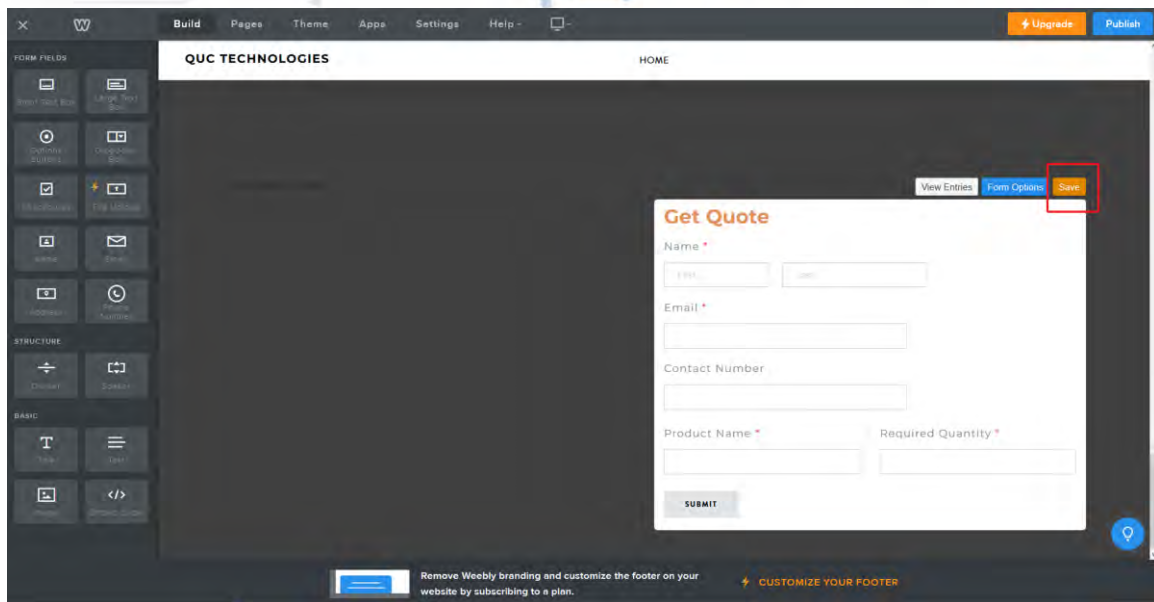
### Step 14.7

- Now click on the text box and rename the Field title as **“Contact Number”**.
- Next you can make this field as a required field by enabling the Required button marked inside the red box which is by default enabled.
- Currently for this field we are disabling this feature.



### Step 14.8

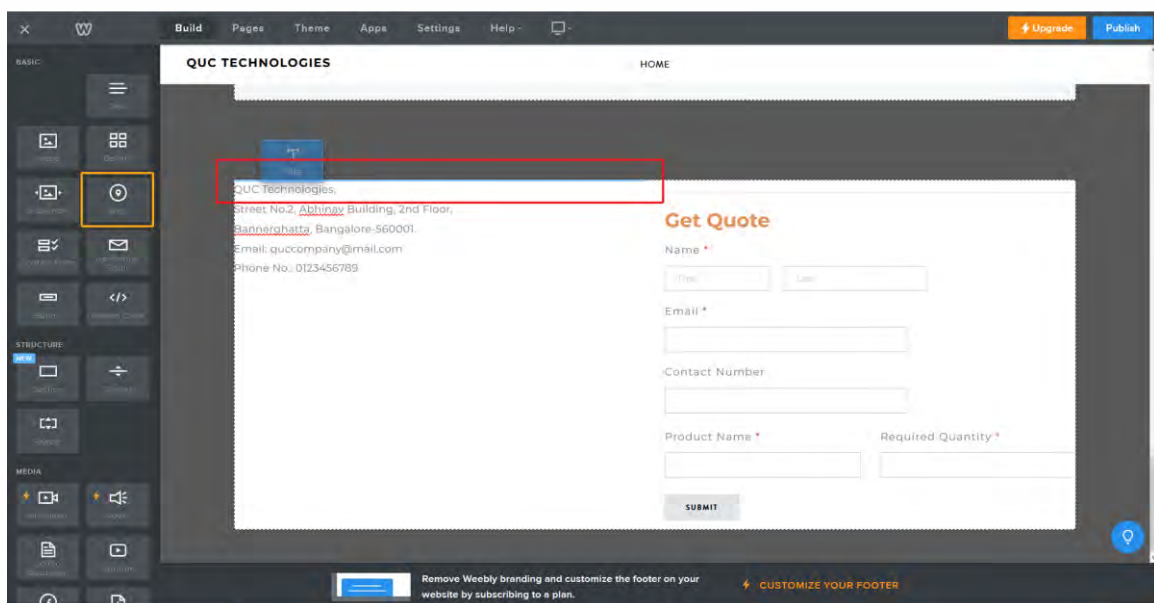
- Rename other field title as **“Product Name”**, **“Required Quantity”** and keep the Required button enabled and thus you have completed your form.
- You can click on Form options to enable additional features. Do verify your email id present inside this option, as all responses will be sent to this corresponding email id.
- You can also manually check the queries by clicking on View Entries button.
- At the end click on the Save button to save and exit the form.



## Adding company's information

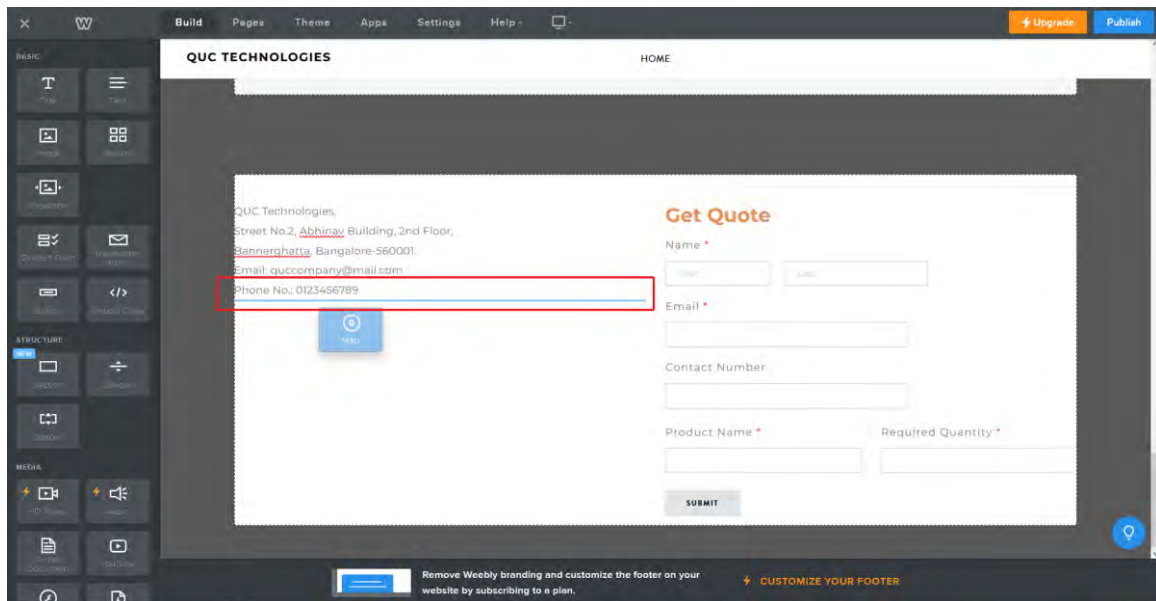
### Step 14.9

- Type your company address on the left-hand side text box.
- Next, drag and drop the Title tool taking the reference of the blue line as shown in the figure.
- Give the title as **“Contact Us”**.
- Next, select the title text and change the color to white or use the hex code: #ffffff.
- In next step we will learn to use the Map tool pointed inside the orange box.



## Step 14.10

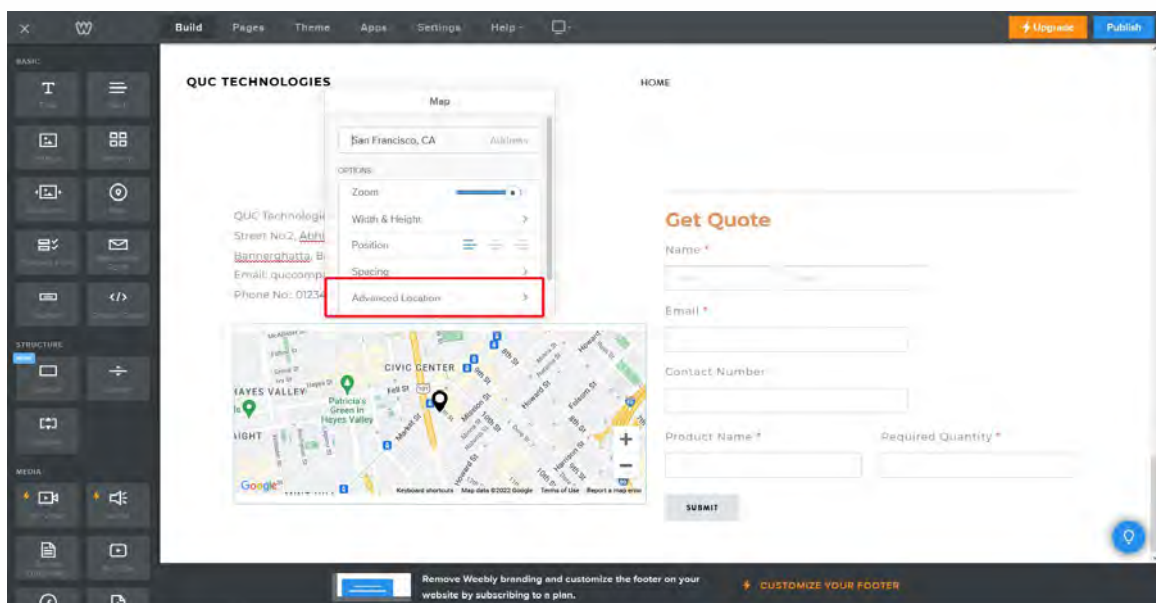
Next drag and drop the Map tool as shown in the figure.



Changing the default map location to your company address.

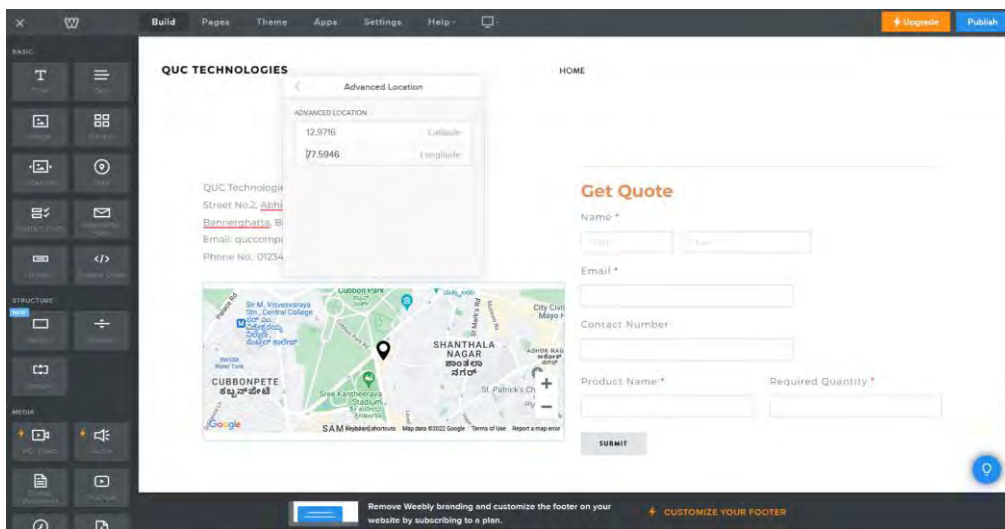
## Step 14.11

- To do this, click on the map.
- Click on the Advance Location.
- The menu will expand, here you can enter the latitude and longitude of your company location.



### Step 14.12

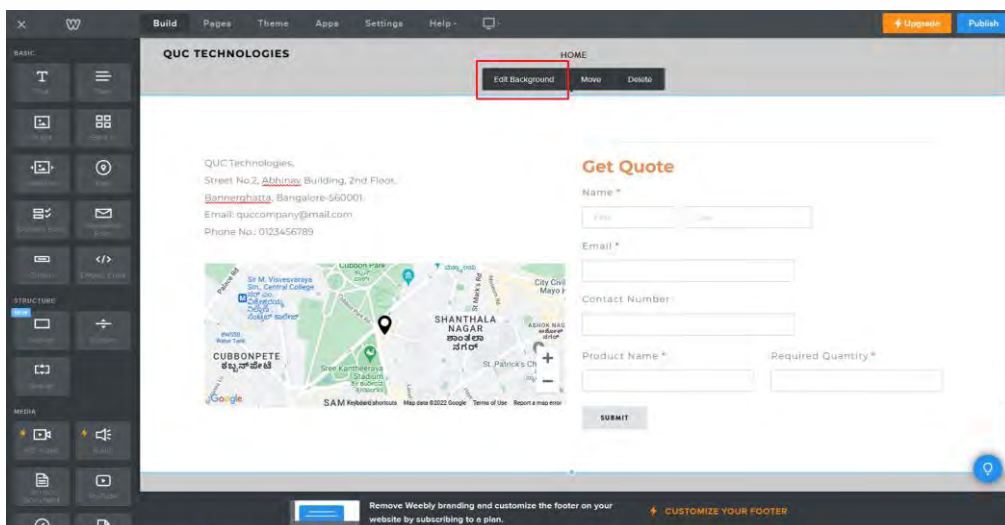
- Replace the default latitude and longitude to your company address' latitude and longitude.
- Currently we are replacing with the bangalore's co-ordinates as shown in the image.
- Next exit the menu by clicking elsewhere.
- Give a moment and map gets automatically refreshed with the new location.



### Editing the background

### Step 14.13

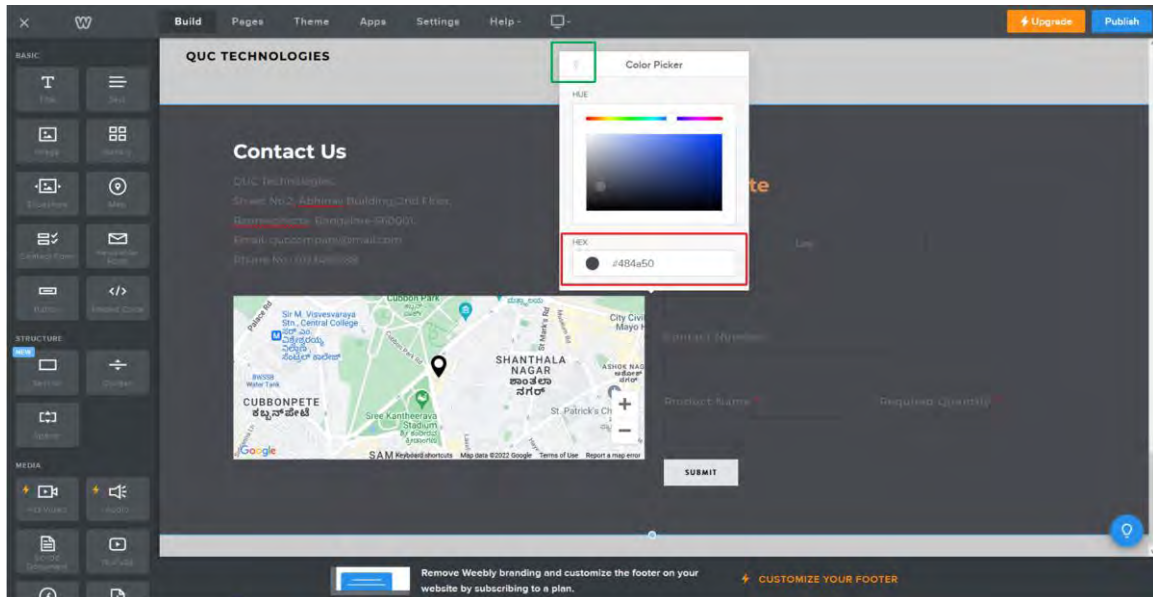
- Now you will edit the section background color.
- As done previously, click on **'Edit Background'** >> **'Color'** >> **'Change color'**.



## Changing the background color.

### Step 14.14

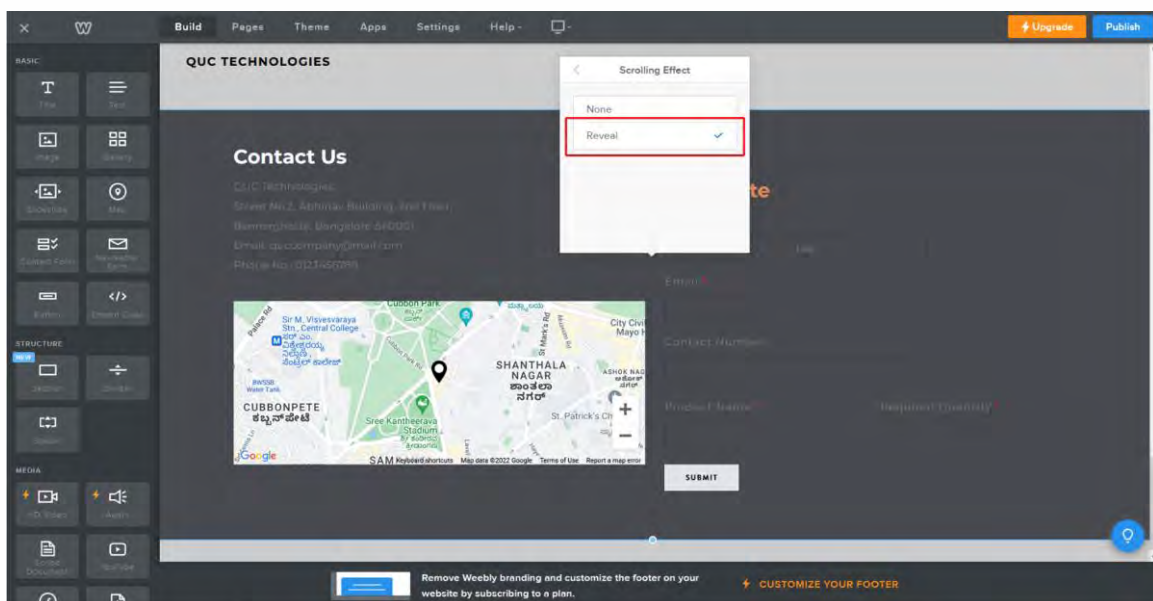
- Now change the color to dark grey or use the hex code: #484a50.
- Next, click on back button marked inside the green box.
- Then click on Scrolling effect >> Click on Reveal.



## Adding the scrolling effect.

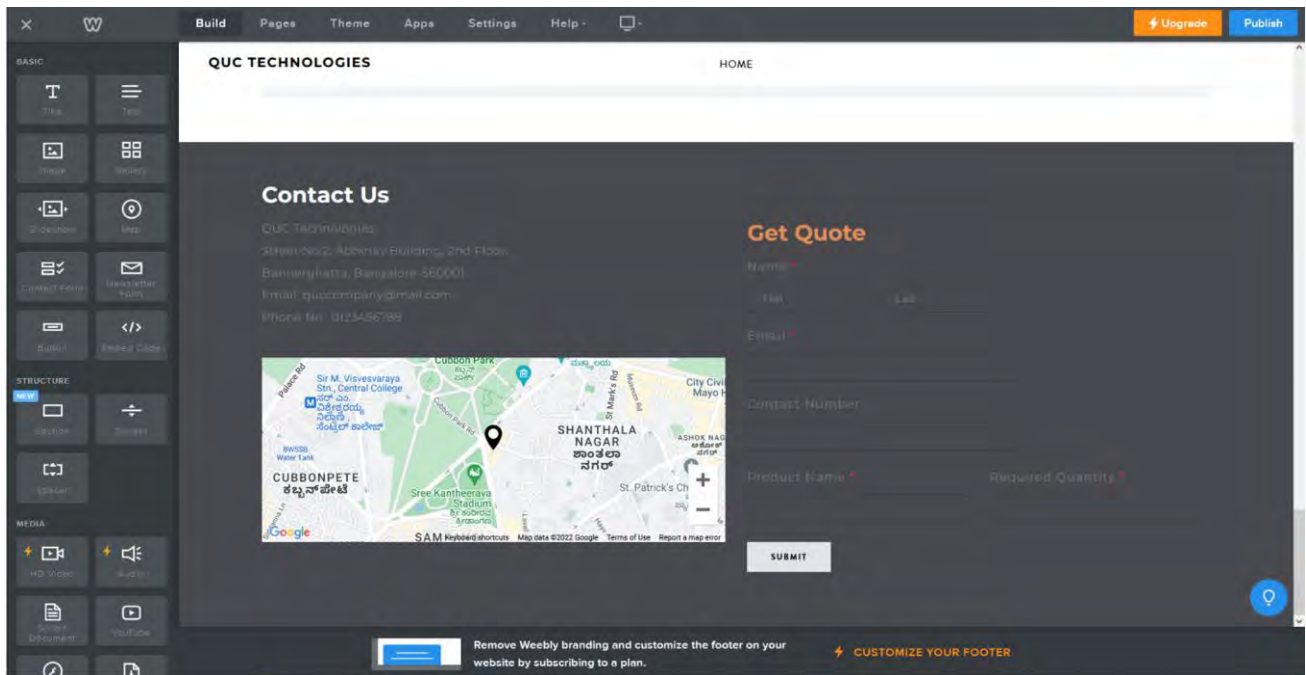
### Step 14.15

- Click on reveal as shown in the image.



## Step 14.16

Congratulations! You have completed the Part 6.

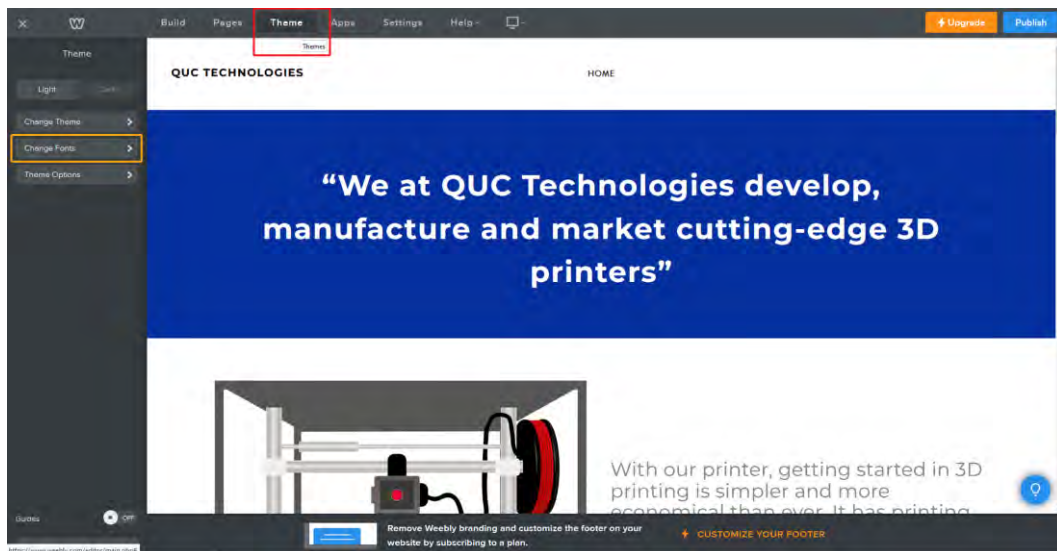


## Part 7: Editing the home page

In this Part we will overall edit the home page especially the fonts.

### Step 15

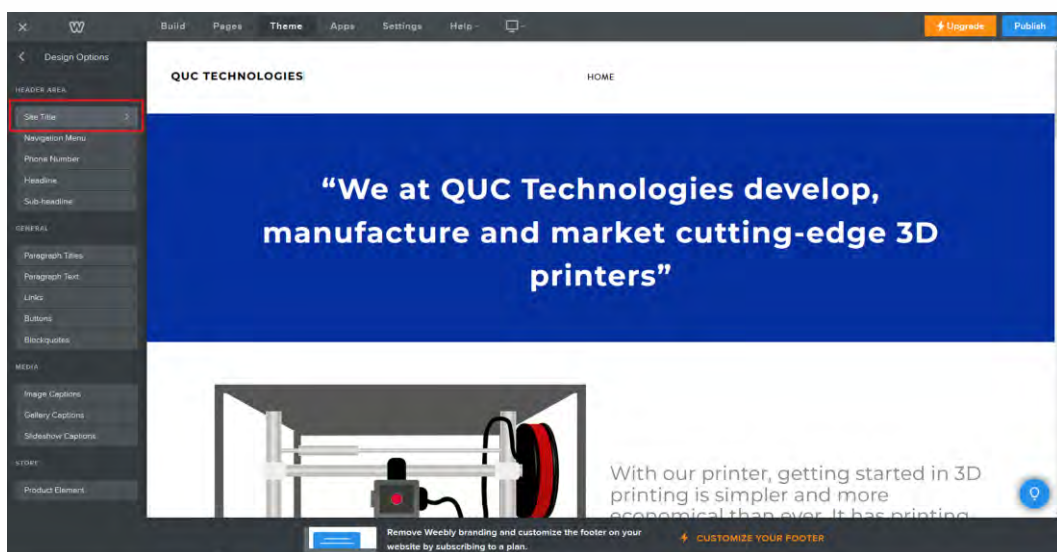
- Click on the Theme tab pointed inside the red box.
- Next click on the Change fonts button pointed inside the orange box.



### Editing the company name

#### Step 15.1

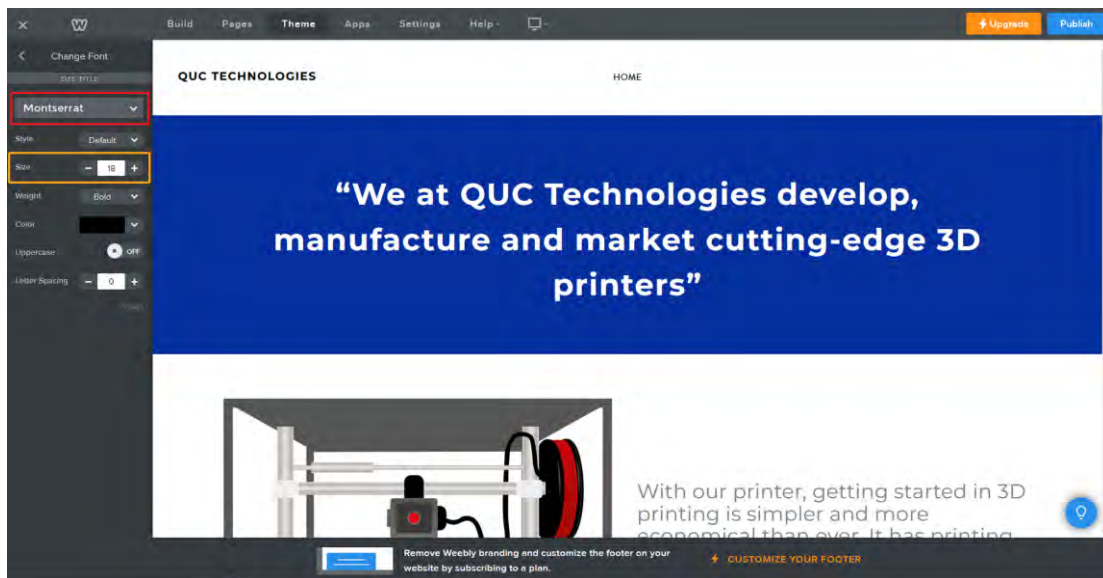
- Click on Site Title to edit the company name.
- Next a menu will expand.



### Changing the font and size.

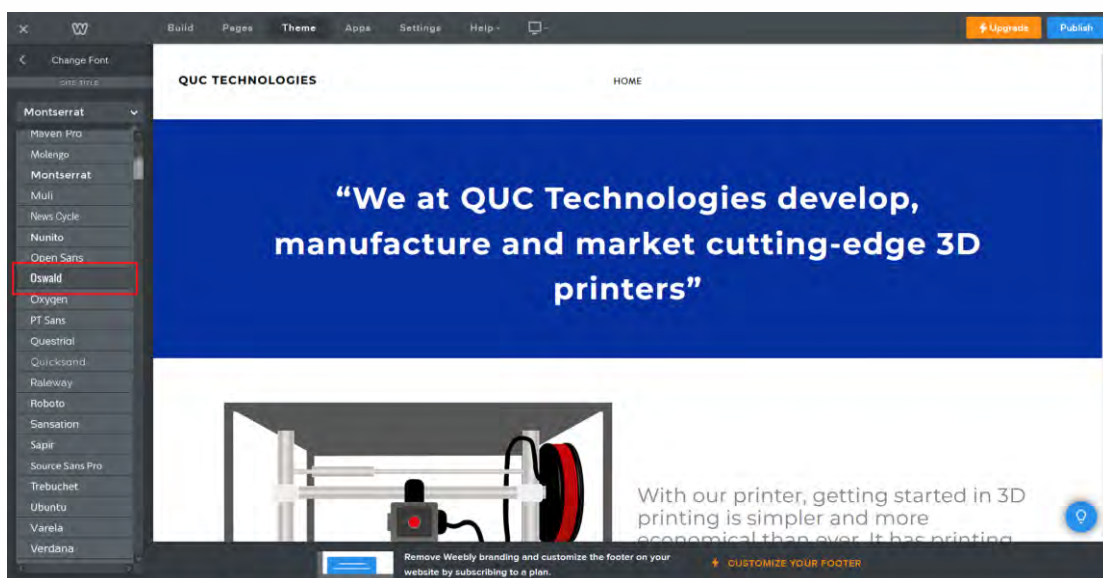
#### Step 15.2

- Click on the default font button pointed inside the red box, scroll down the font list and find the Oswald font and click on it to use the font.
- You can take the reference of the step image 15.3
- Next, click size button pointed inside the orange box and increase the default font size to 24. You can the reference of the step image 15.4



#### Step 15.3

Click on 'Oswald' font.

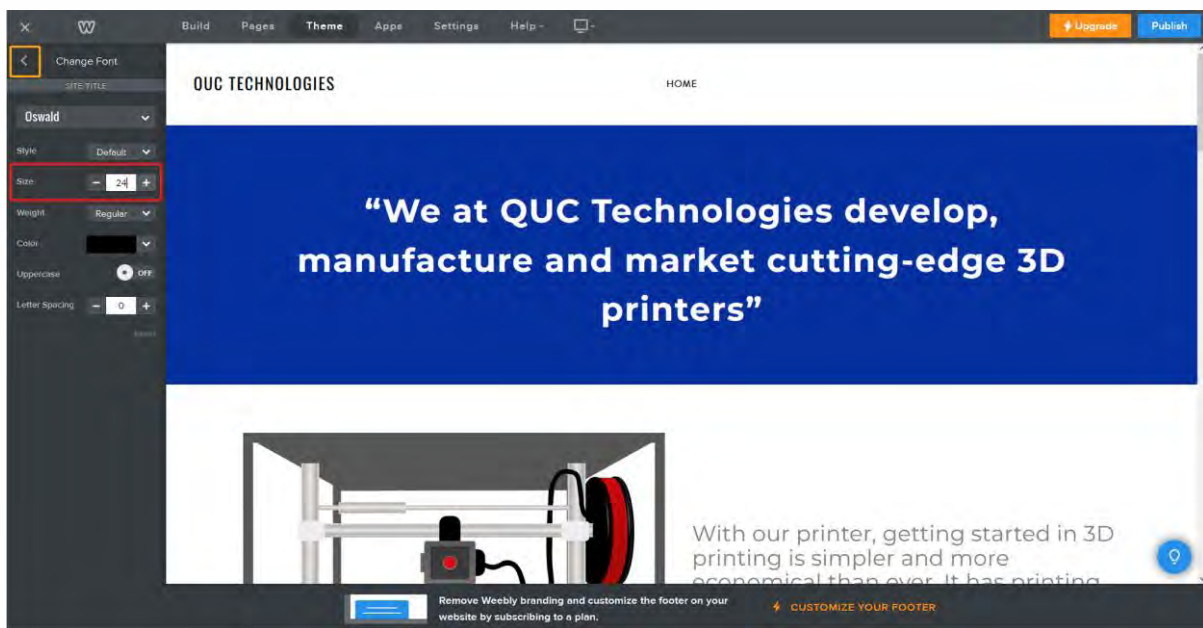




### Increasing the font size.

#### Step 15.4

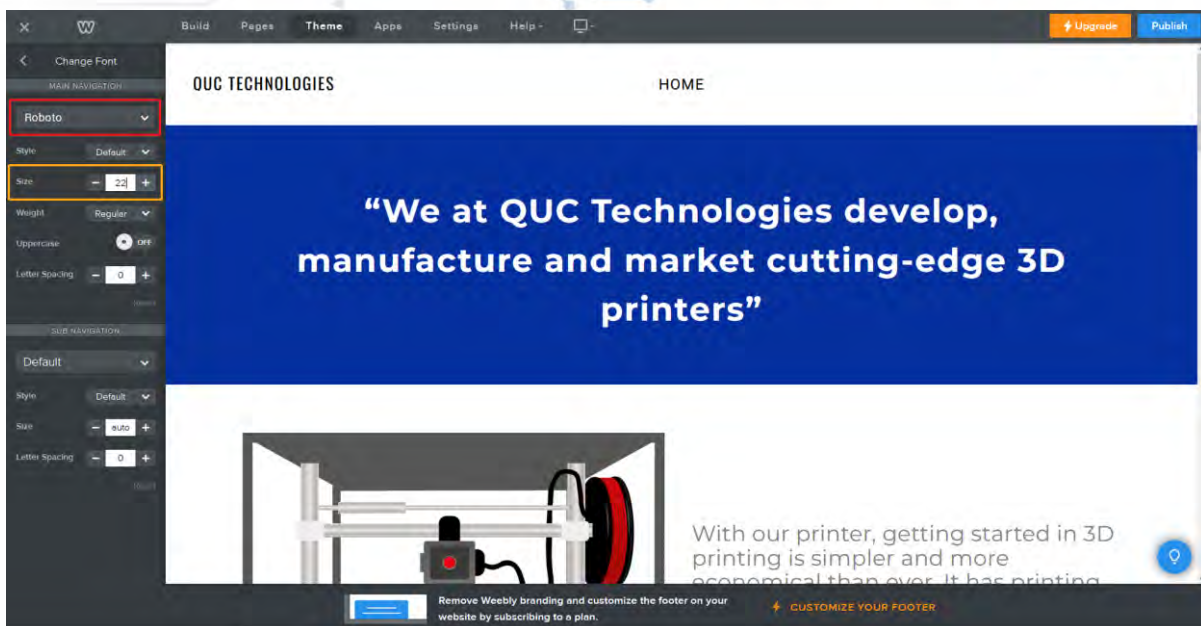
- You can directly enter the required font size or click on the “+” button to increase the size and “-” button to decrease the size.
- Next, click on back button pointed inside the orange box.
- Next, click on Navigation Menu.



### Editing the navigation buttons.

#### Step 15.5

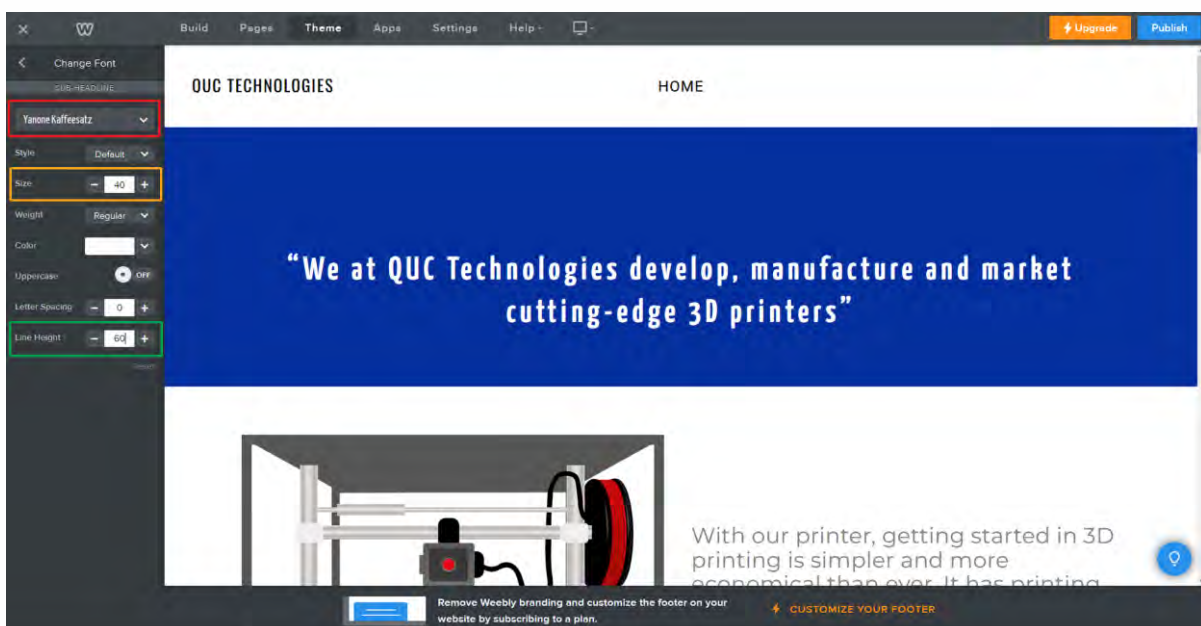
- Follow the previous steps and change the default font to **'Roboto'**.
- Next, increase the font size to 22.
- Next, click on back button and open Sub-headline menu.



### Editing Sub-headline

#### Step 15.6

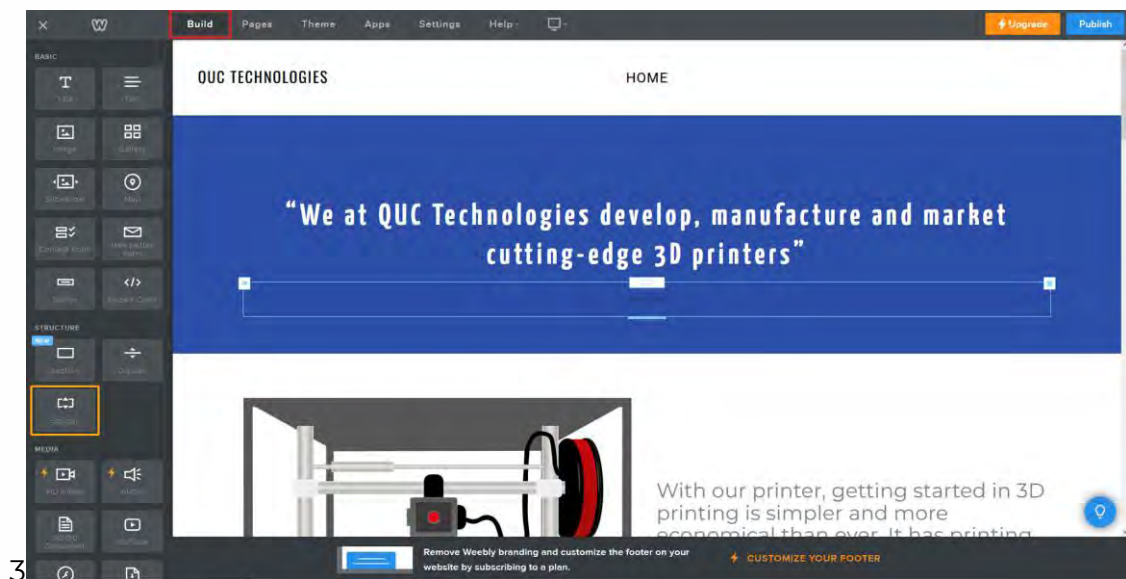
- Again, follow the above steps and change the default font to “Yanone Kaffeesatz”
- Change the Size to 40 or you can now play with it and adjust it accordingly.
- Change the Line Height to 60 or again change it to your choice accordingly.
- If you're not happy with your result and want to align the text to the centre of the section you can follow the next 15.7 step else you can skip this.



### Aligning the headline text to centre

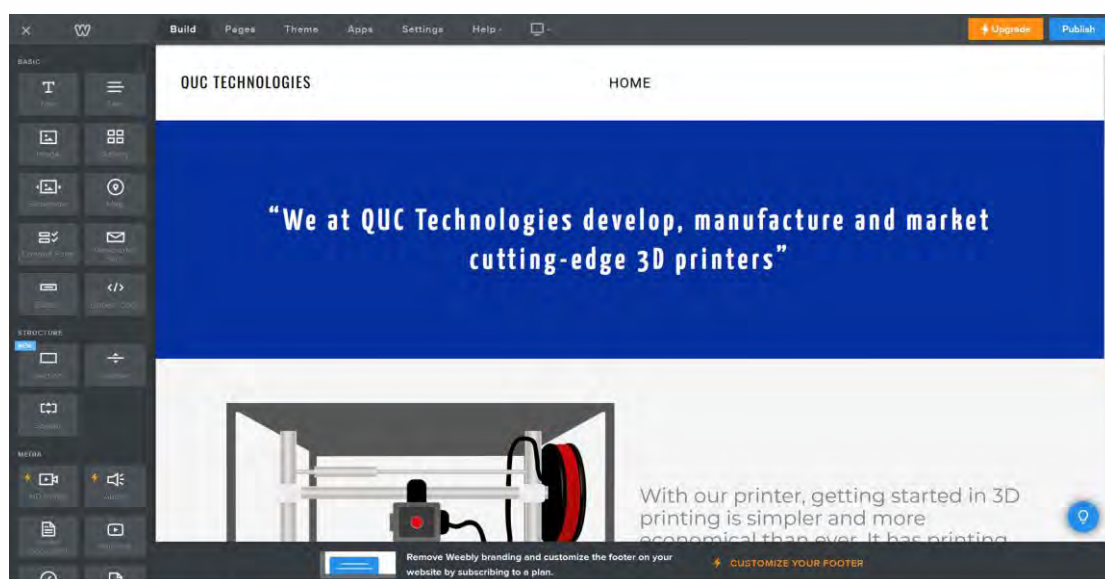
#### Step: 15.7

- Now, click on build tab pointed inside red box.
- Next, drag and drop the Space tool below the text.
- If you want, you can increase the space tool height to adjust the alignment of the headline text.



#### Step 15.8

Congratulations! you have completed the basic edits and finished the Part 7.

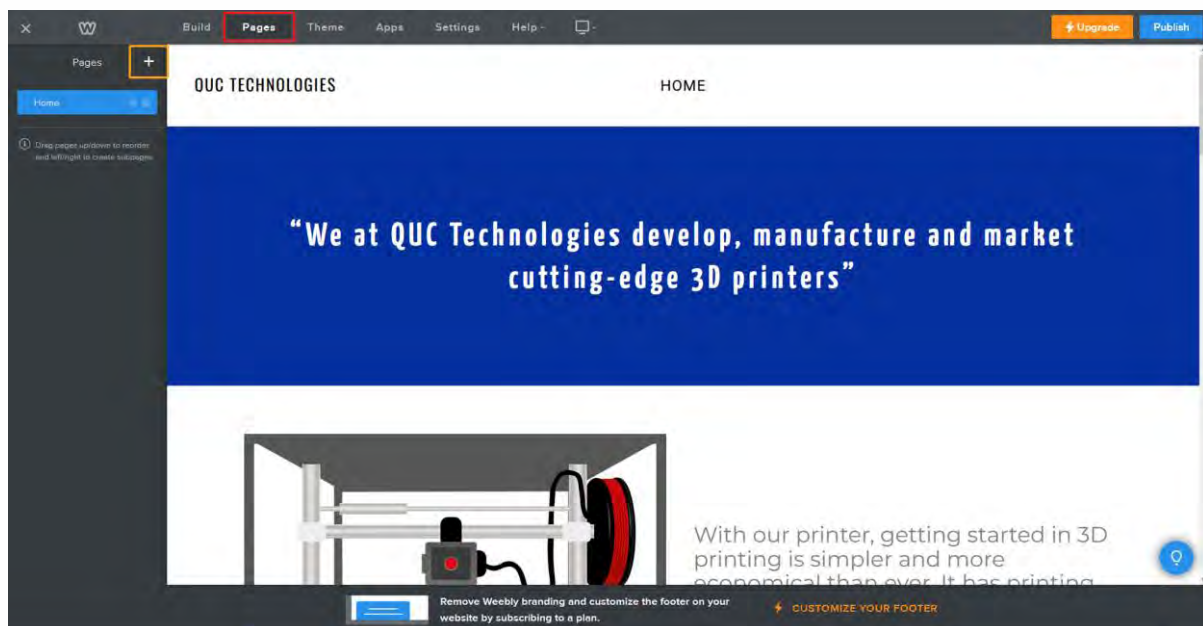


### Part 8: Creating a new navigation page “3D printing technology”

Creating a new page.

#### Step 16

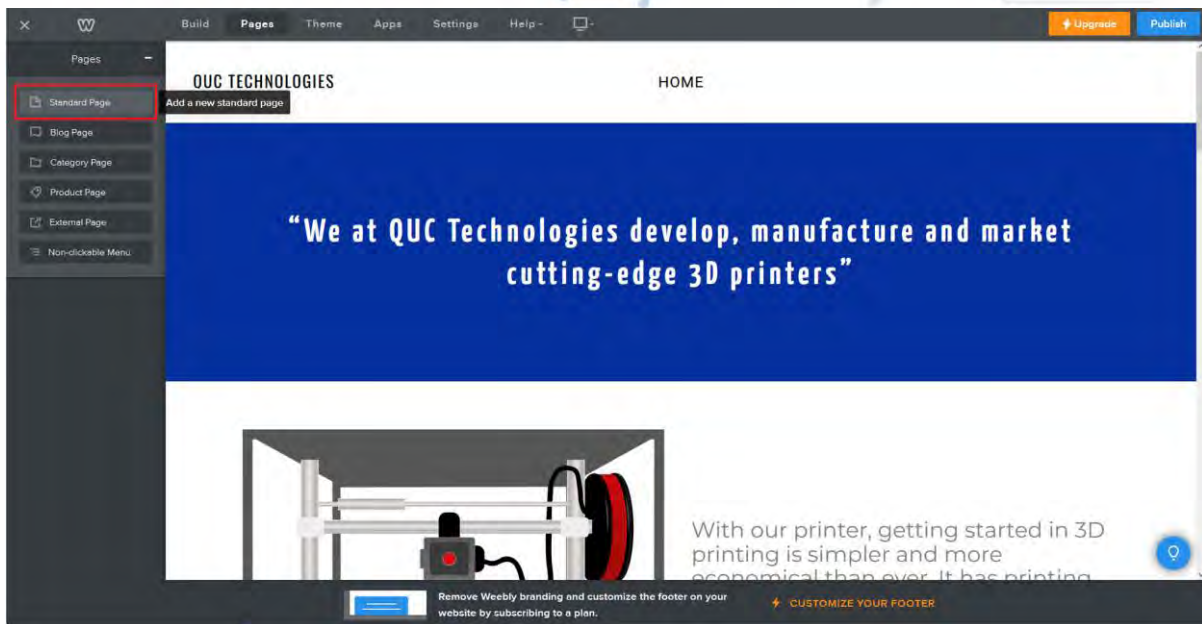
- Click on Pages button pointed inside the red box.
- Next click on “+” button pointed inside the orange box.
- Once you have clicked the “+” button a menu gets expanded.



Selecting a page accordingly.

#### Step 16.1

- Here we got lots of categories to form a page.
- Currently we are using the standard page.
- Click on the 'standard page' button and a new page will be created.

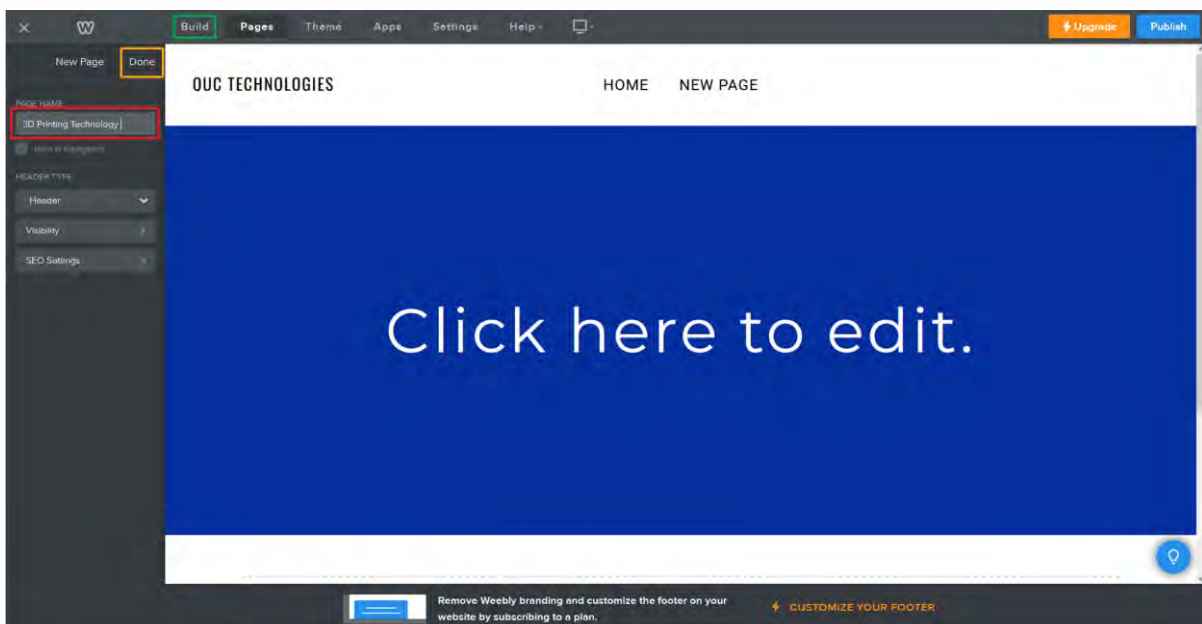


Changing the page name.

### Step 16.2

- Change the default page name to "3D Printing Technology" pointed inside the red box.
- Next, click on done button pointed inside the orange box.
- After this click on Build tab pointed inside the green box to edit the page.

**Congratulations! you have completed the Part 8.**

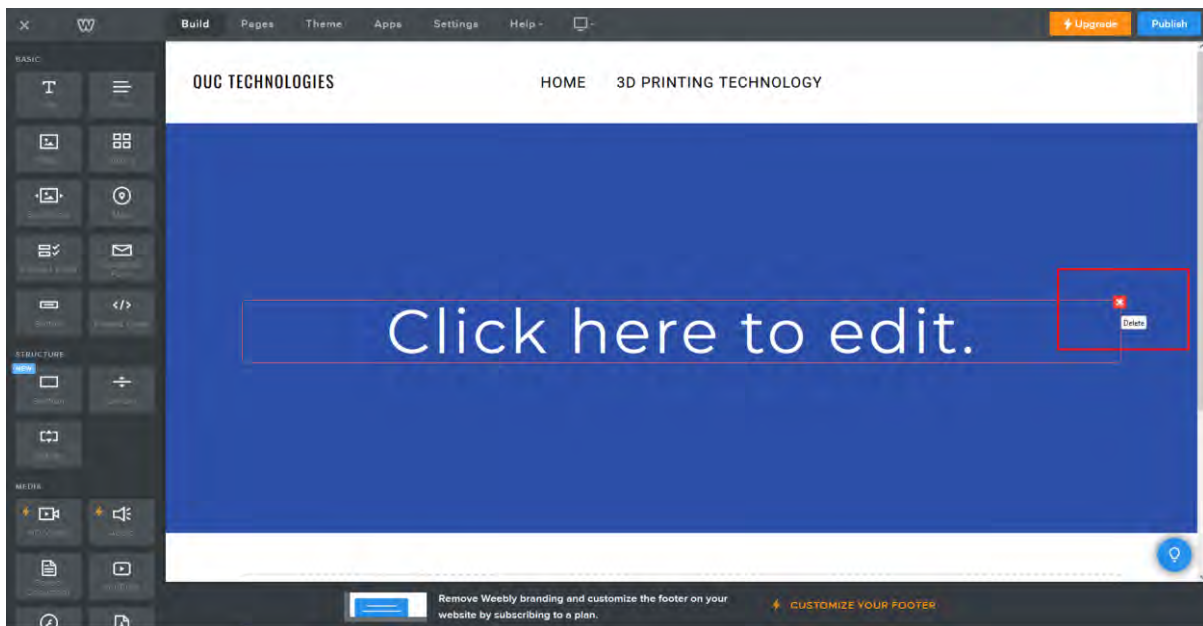


### Part 9: Creating image slideshow of 3D printing technology

Creating a slideshow of images.

#### Step 17

- Delete the default text box.

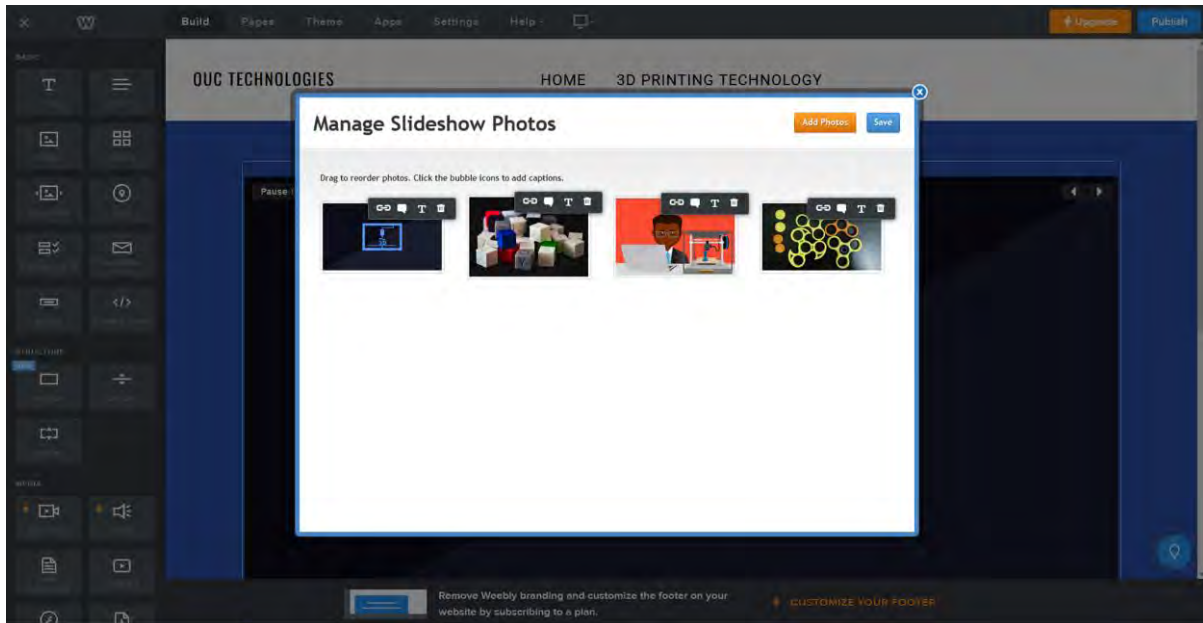


Adding images for slide show.

#### Step 17.1

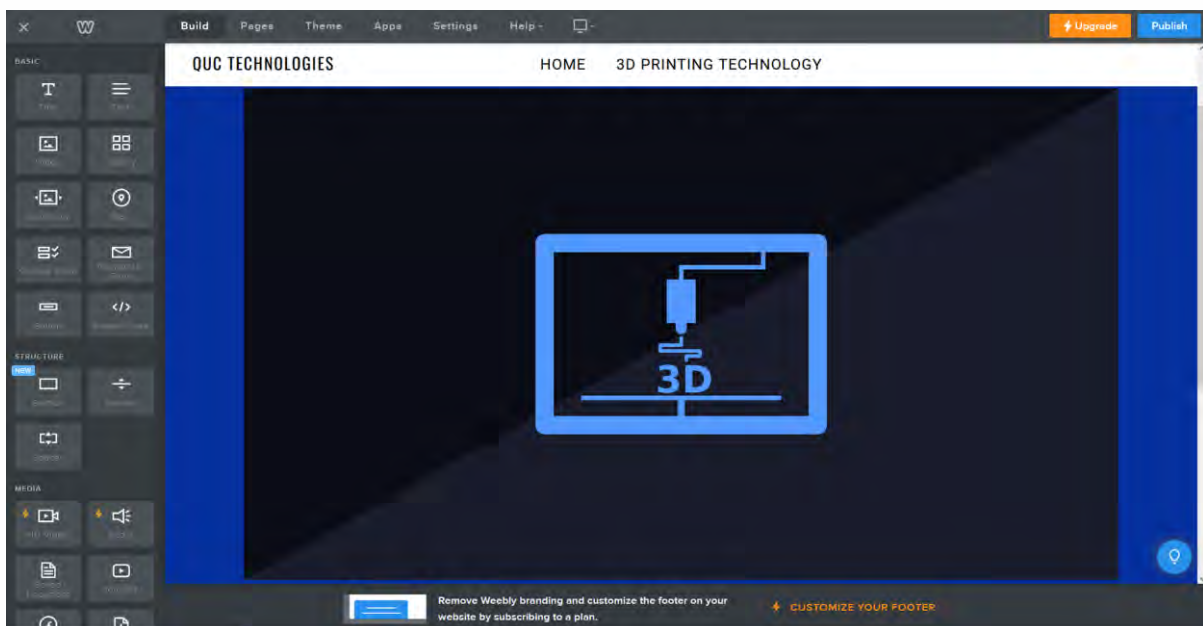
- Drag and drop the Slideshow tool.
- Recall the Part 4's steps and follow the same.
- Again, use the 'Simple Slideshow' >> 'Continue'.
- Select either of the option Upload images from computer or drag and drop the images.
- If you want you can add a caption for the images or you can skip it.

- Next click on 'Save' button.



## Step 17.2

Congratulations! you have completed the Part 9.

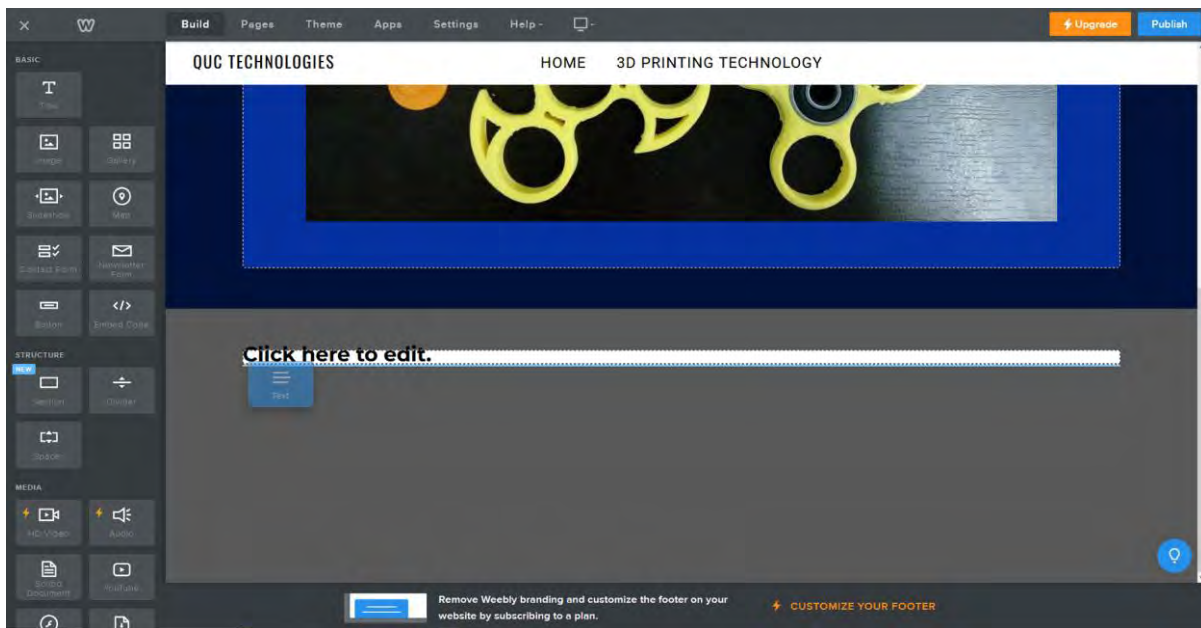


### Part 10: Adding textual content regarding 3D printing technology

#### Adding title and text tools

##### Step 18

- Scroll down and use the default section.
- Drag and drop title tool and text tool as shown in the image.



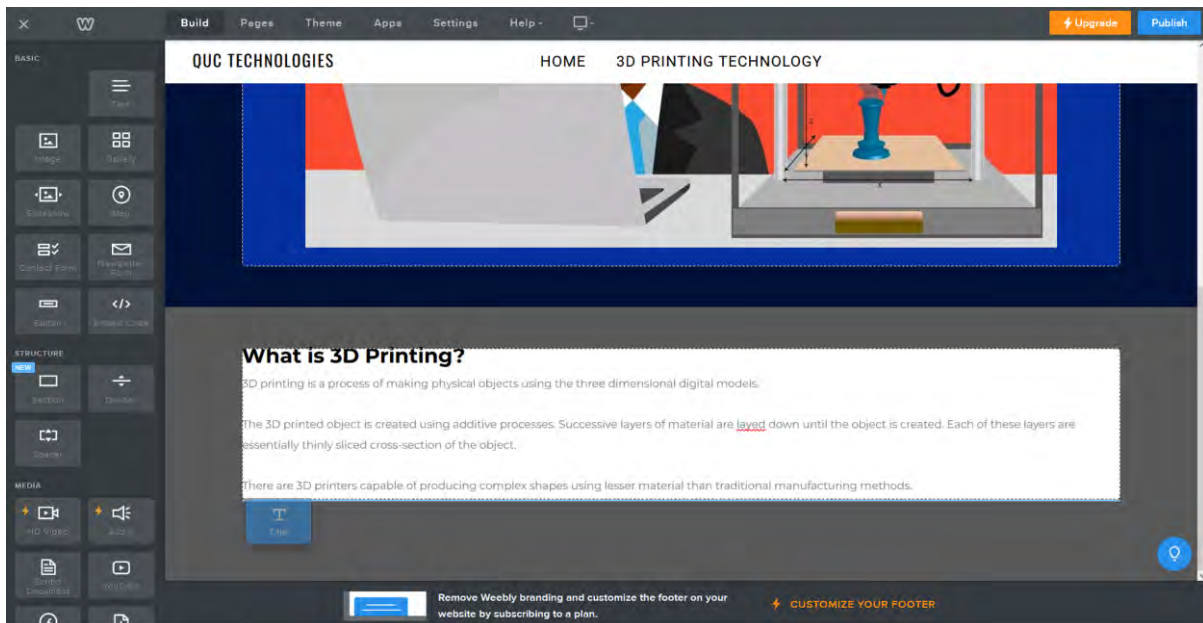
#### Adding the textual content

##### Step 18.1

- Add title as **“What is 3D printing?”**
- And type the content regarding the same inside the text box.
- Next, add one more title as shown in the image.

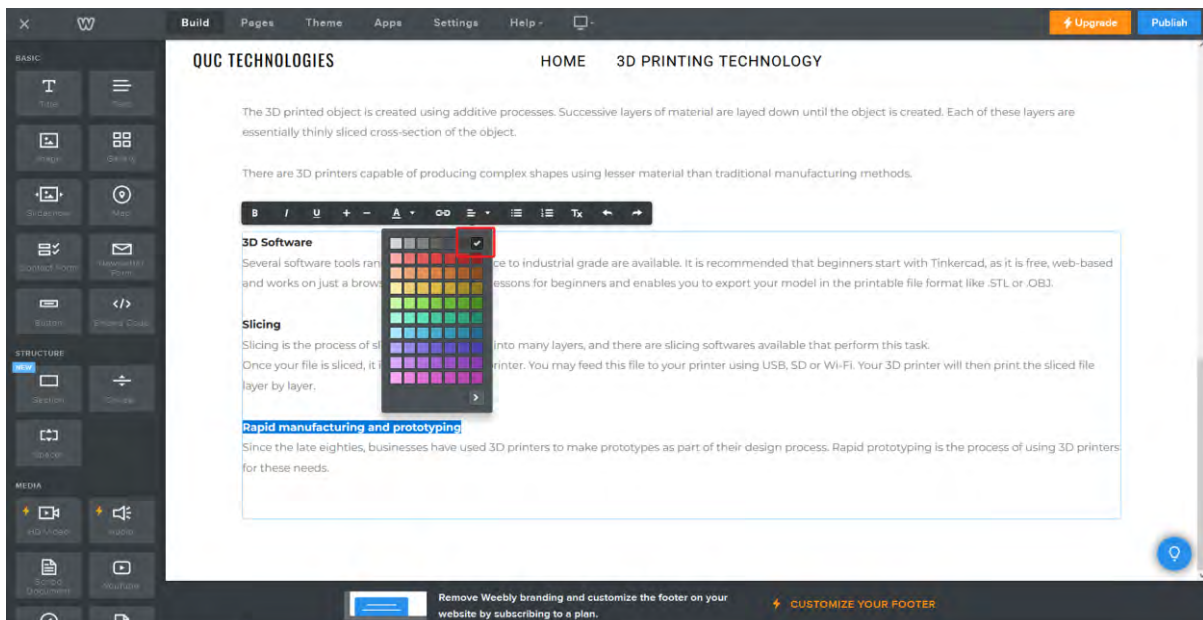


- Also, add text tool below it and write the content regarding working of 3D printer.



## Step 18.2

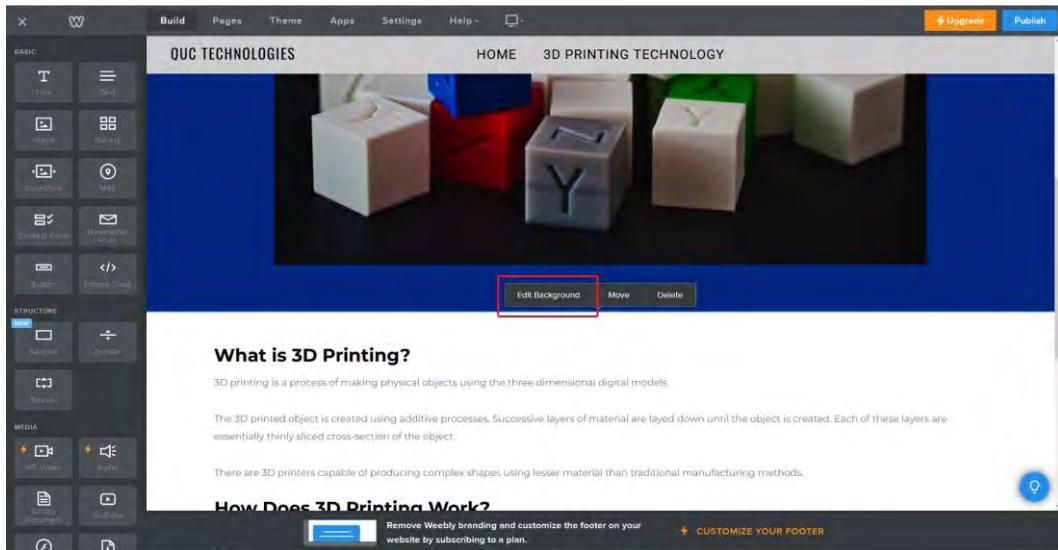
- Add the title text as **“How does 3D printing work?”**
- Add content regarding the same inside text box
- You can change the color of the semi titles to black as shown in the image or you can use the hex code: #2a2a2a



### Editing the background

#### Step 18.3

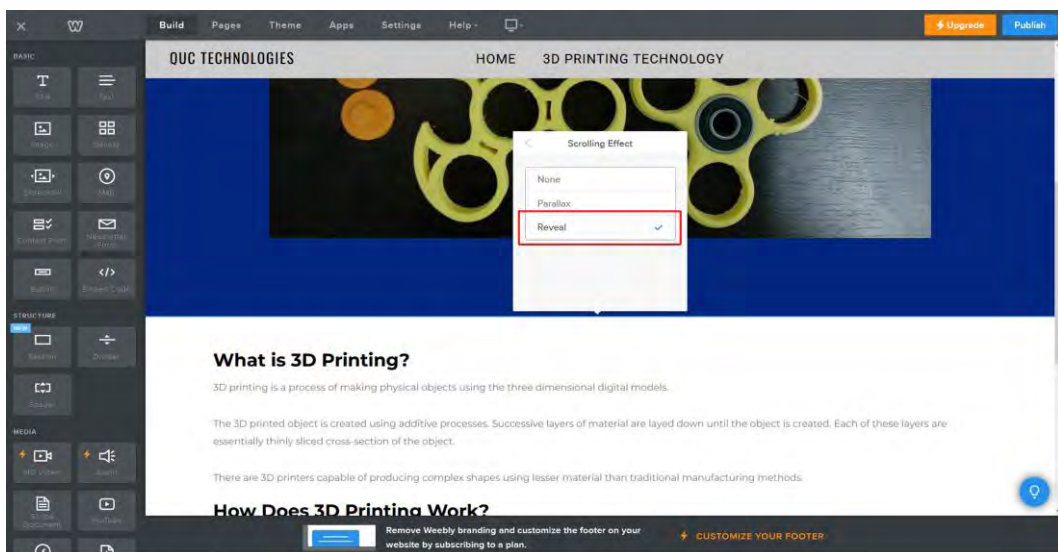
- Recall the previous steps to add reveal effect.
- Click elsewhere on empty space.
- Click on **'Edit Background'** >> **'click on image'** >> **'Scrolling Effect'**.



### Adding reveal effect.

#### Step 18.4

- After following 18.3 steps, click on **'Reveal'** button.
- Exit the window by clicking elsewhere.



## Step 18.5

Congratulations! you have completed the Part 10 and successfully designed a complete website!

OUC TECHNOLOGIES

HOME 3D PRINTING TECHNOLOGY



← PART 9

### What is 3D Printing?

3D printing is a process of making physical objects using the three dimensional digital models.

The 3D printed object is created using additive processes. Successive layers of material are laid down until the object is created. Each of these layers are essentially thinly sliced cross-section of the object.

There are 3D printers capable of producing complex shapes using lesser material than traditional manufacturing methods.

### How Does 3D Printing Work?

#### 3D Software

Several software tools ranging from open source to industrial grade are available. It is recommended that beginners start with Tinkercad, as it is free, web-based and works on just a browser. Tinkercad offers lessons for beginners and enables you to export your model in the printable file format like .STL or .OBJ.

#### Slicing

Slicing is the process of slicing up a 3D model into many layers, and there are slicing softwares available that perform this task.

Once your file is sliced, it is ready for your 3D printer. You may feed this file to your printer using USB, SD or Wi-Fi. Your 3D printer will then print the sliced file layer by layer.

#### Rapid manufacturing and prototyping

Since the late eighties, businesses have used 3D printers to make prototypes as part of their design process. Rapid prototyping is the process of using 3D printers for these needs.

← PART 10

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