

HTML and CSS Essentials(LetsUpgrade)

Day 1:

HTML - Hyper Text Mark-up Language

Mark-up Languages - Languages that are used to hold the content

Ex: HTML, XML...

Mark-up languages are always written in tags (open tag<>, close tag</>)

HTML is used to create web pages

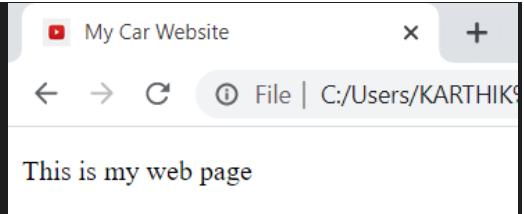
Basic Structure Of HTML:

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    This is my web page
  </body>
</html>
```

- Head tag usually contains meta-data i.e., the data about web page like name, external links...etc.,
- Body tag contains the content that we see on webpage
- DOCTYPE tells the browser that, it is a html file

Icon in the title of Webpage

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Website</title>
    <!--
      We add the icon using link tag and href attribute to specify path of
      the image and rel is relation-->
    <link rel="icon" href="icon_image_at_title.png"/>
  </head>
  <body>
    <p>This is my web page</p>
  </body>
</html>
<!--Use favicon for rel value to get image from internet-->
```



Text formatting tags:

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    This is my web page

    <!--Heading tags-->
    <h1>This is heading 1</h1>
    <h2>This is heading 2</h2>
    <h3>This is heading 3</h3>
    <h4>This is heading 4</h4>
    <h5>This is heading 5</h5>
    <h6>This is heading 6</h6>

    <!--Paragraph-->
    <p>The HyperText Markup Language, or HTML is the standard mark up language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. </p>
    <p>HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript).</p>

    <!--Pre-
formatted paragraphs - It prints text in same format as written <pre></pre>-->
    <pre>
      In pre-formatted paragraph
      it also take care of next line
      and the spaces as given in code
    </pre>
  </body>
</html>
```

This is my web page

This is heading 1

This is heading 2

This is heading 3

This is heading 4

This is heading 5

This is heading 6

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript).

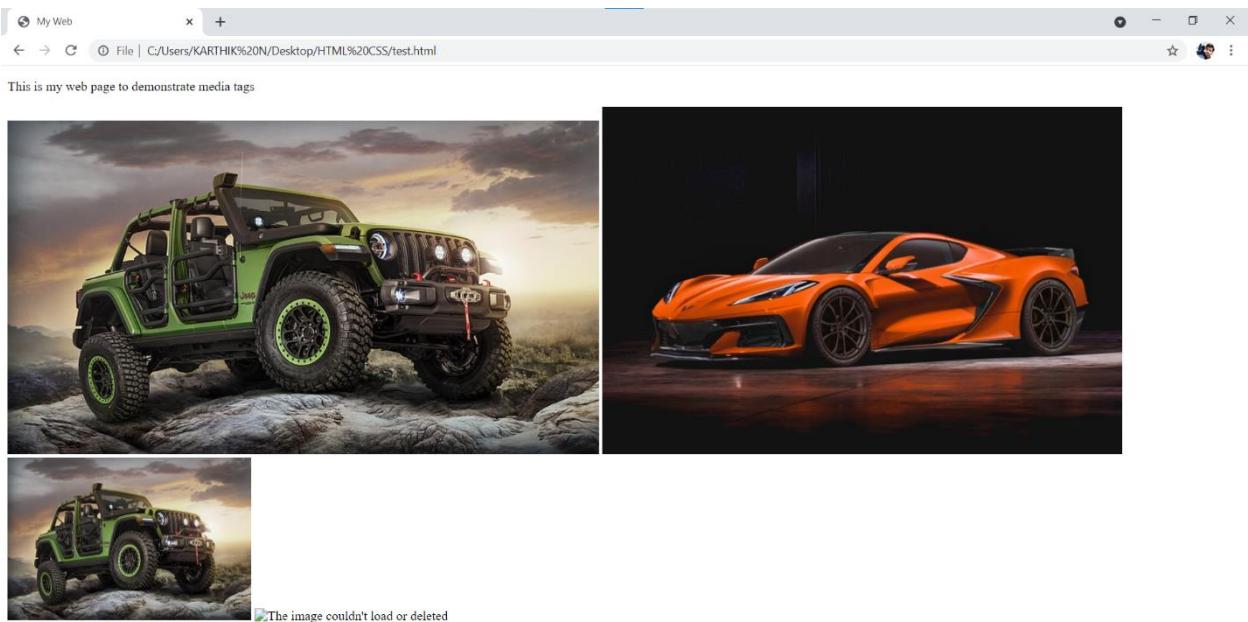
```
In pre-formatted paragraph  
it also take care of next line  
and the spaces as given in code
```

Empty tags: Tags that doesn't have any contents with them <tag/>, they usually have attributes than the content <tag attr="value"/>

Media tags:

Adding Images

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title>My Web</title>  
  </head>  
  <body>  
    <p>This is my web page to demonstrate media tags</p>  
  
    <!--Image tag <img> src takes the path of image-->  
      
    <!--Image path from internet-->  
     <!--  
It is better to give either width or height-->  
      <!--  
Search engines usually need alt to understand about the image-->  
  
  </body>  
</html>
```



Adding Videos

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    <p>This is my web page to demonstrate media tags</p>
```

<!--

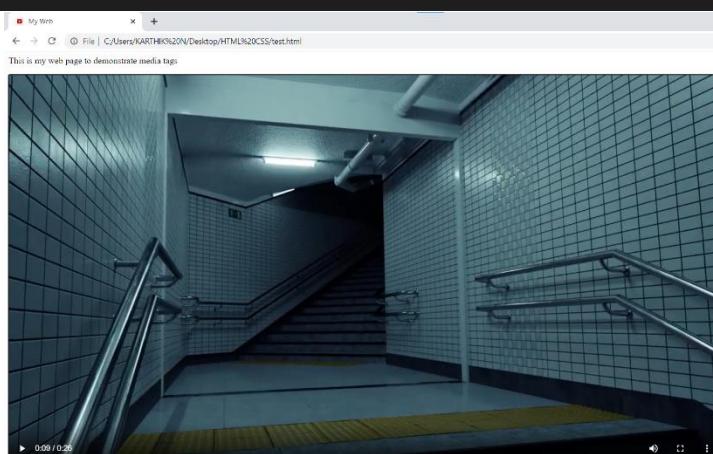
Video can be added using video tag within that source tag with src attribute taking video path as value and we can add width and height-->

<!--

In order to add controls to video we use controls attribute in video tag(controls is an empty attribute)-->

```
    <video controls>
      <source src="Trailer_Video.mp4"/>
    </video>

  </body>
</html>
```

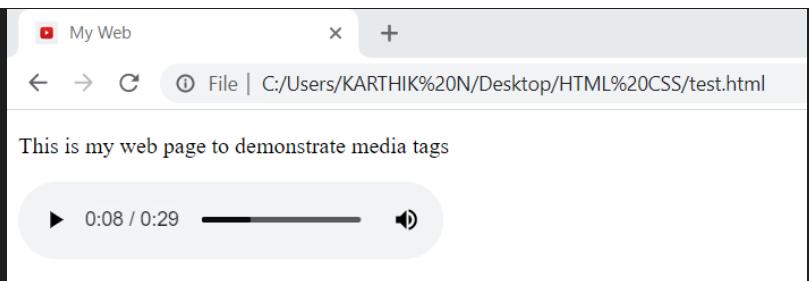


Adding Audios

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    <p>This is my web page to demonstrate media tags</p>

    <!--
Audio can be added using audio tag within that source tag with src attribute taking audio path as value-->
    <!--
In order to add controls to audio we use controls attribute in audio tag(controls is an empty attribute)-->
    <audio controls>
      <source src="My_audio_file.mp3"/>
    </audio>

    </body>
  </html>
```



NOTE: We can give multiple source tags within audio or video when one format is not supported then other will be picked

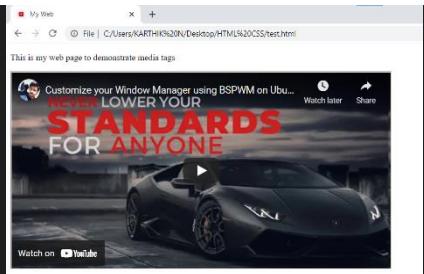
Adding YouTube Video

Iframe - Internal Frame - Gives area to display external things

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    <p>This is my web page to demonstrate media tags</p>

    <!--iframe tag is used to add online videos-->
    <!--
Make sure that the url must have embed followed by Video ID or link-->
    <iframe src="https://www.youtube.com/embed/SiTqQD1KoKQ" width="700px" height="360px" />

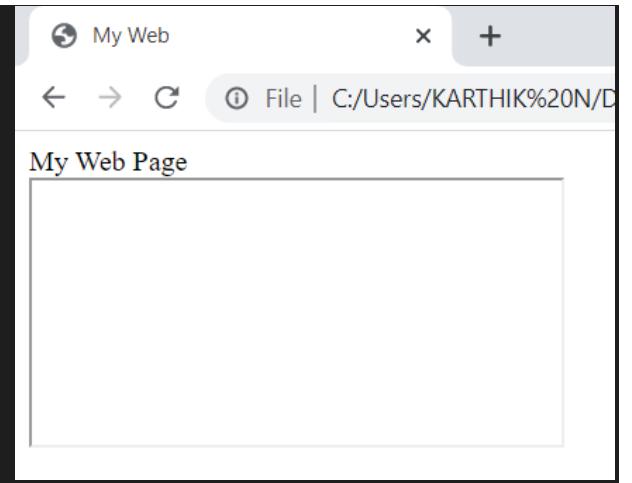
    </body>
  </html>
```



Day 2:

Iframe - It allows to display external content by creating a separate frame or window for it

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    My Web Page<br/>
<!--It can have height and width
attributes and also source--&gt;
    &lt;iframe&gt;&lt;/iframe&gt;
  &lt;/body&gt;
&lt;/html&gt;</pre>
```



Fetching another html file data within iframe box

NOTE: Use the frameborder="0" within iframe tag to remove the border

```
<!--first.html-->
<!DOCTYPE html>
<html>
  <head>
    <title>First Page</title>
  </head>
  <body>
    <h1>This is my first page</h1><br/>
    <iframe width="550px" height="300px" src="second.html"></ifram
e>
  </body>
</html>
```

```
<!--second.html-->
<!DOCTYPE html>
<html>
  <head>
    <title>Second Page</title>
  </head>
  <body>
    <h1>This is my second page</h1><br/>
    <h2>Displaying in first.html file</h2>
    <p>
```

An HTML element is identified in the HTML document by tags. A tag consists of the element name within angle brackets. The element name appears in both the beginning tag and the closing tag, which contains a forward slash followed by the element's name, again all enclosed within angle brackets. The closing tag acts like an off-switch for the on-switch that is the start tag. HTML elements can also contain attributes. An HTML attribute is a name=value pair that provides more information about the HTML element. In XHTML, attribute values had to be enclosed in quotes; in HTML5, the quotes are optional, though many web authors still maintain the practice of enclosing attribute values in quotes. Some HTML attributes expect a number for the value. These will just be the numeric value; they will never include the unit.

```
</p>
</body>
</html>
```



This is my first page

This is my second page

Displaying in first.html file

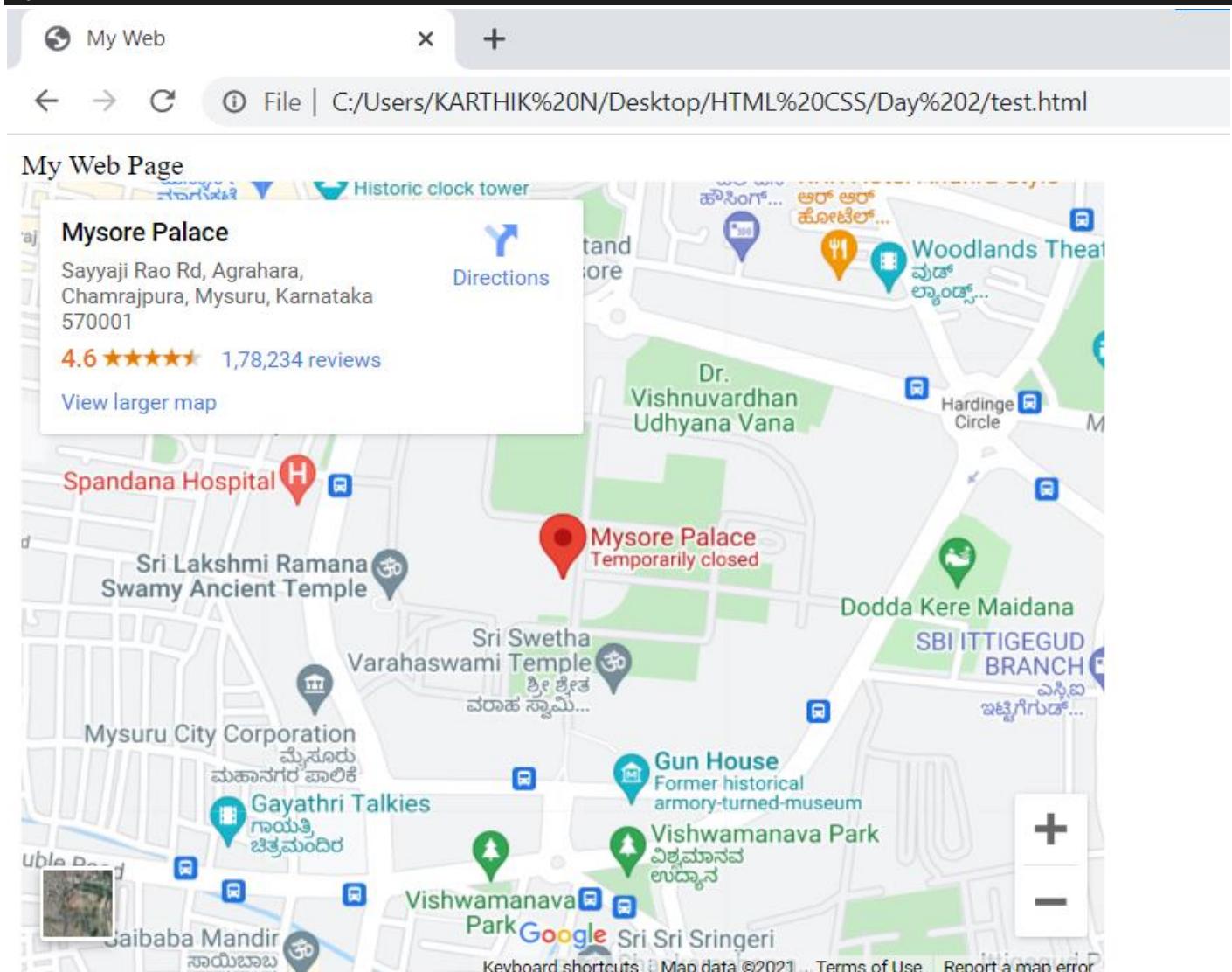
An HTML element is identified in the HTML document by tags. A tag consists of the element name within angle brackets. The element name appears in both the beginning tag and the closing tag, which contains a forward slash followed by the element's name, again all enclosed within angle brackets. The closing tag acts like an off-switch for the on-switch that is the start tag. HTML elements can also contain attributes. An HTML attribute is a name=value pair that provides more information about the HTML element. In XHTML, attribute values had to

NOTE: We can also display pdf files using iframe tag

Adding Map using iframe

Search for the location->Click on Share->Select Embed a map->We can get the iframe tag html link to copy and use in our web page

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    My Web Page<br/>
    <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3898.1577266243353!2d76.65298621476363!3d12.30516299129556!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3baf701103f9a1f9%3A0xc37fbbae2a124da0d!2sMysore%20Palace!5e0!3m2!1sen!2sin!4v1625332532512!5m2!1sen!2sin" width="600" height="450"></iframe>
  </body>
</html>
```



CSS - Cascading Style Sheets

CSS is a styling language that work with HTML and its contents

Using CSS, we can give some properties to elements like giving size, colour, shape, arrange, align, movement...etc.,

CSS is always written in **property: value; format**

Ex: color: red;

height: 300px;

font-size: 20px;

There are 3 ways to apply CSS on HTML content:

1) Inline CSS

2) Internal CSS

3) External CSS

Inline CSS:

All the tags in HTML have an attribute called **style** and we can write the CSS as value for this attribute

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
  </head>
  <body>
    <h1 style="color:red;">Ways to apply CSS on HTML</h1>
    <h2 style="color:blue;font-size:50px">This is Inline CSS</h2>
  </body>
</html>
```



The screenshot shows a browser window titled "My Web". The address bar indicates the file is located at "C:/Users/KARTHIK%20N/Desktop/HTML". The page content consists of an

tag with the text "Ways to apply CSS on HTML" in red, and an tag with the text "This is Inline CSS" in blue. The browser interface includes standard navigation buttons (back, forward, search) and a status bar.

Problems in **Inline: CSS** will be applied only to that mentioned tag, and to apply for other we need to write the same code again

Internal CSS:

Inside the head tag, create a **style** tag and here we can write our CSS. And we need to mention to which tag we have to apply. For that just write the tag name and within flower braces mention the CSS code

Syntax: tagname

```
{  
  property: value;  
}
```

The **tagname** mentioned here is called as **Selector**

```
<!DOCTYPE html>
```

```

<html>
  <head>
    <title>My Web</title>
    <!--Internal CSS-->
    <style>
      p
      {
        color: blue;
        background-color: yellow;
        font-size: 30px;
      }
      h1
      {
        color: red;
        background-color: orange;
      }
      h2
      {
        background-color: gray;
      }
    </style>
  </head>
  <body>
    <p>This is my web page</p>
    <h1 style="color:red;">Ways to apply CSS on HTML</h1>
    <h2 style="color:blue;font-size:50px">This is Internal CSS</h2>
  </body>
</html>

```



Applying different CSS for same tags:

class: This can be done by giving an identification attribute called **class** with name as value for the tag we want to apply. Then while writing **CSS Style** in head tag use the class name preceded with **(dot)**(Because by default it thinks that as a tag name) instead of the tagname

NOTE: Whenever we use class name as selector, put **(dot)** in front of that while defining in the style

Syntax: **.classname**

```

  {
    property: value;
  }

```

```

<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <!--Internal CSS-->
    <style>
      .odd_paragraphs
      {
        color: yellow;
        background-color: blue;
        font-size: 40px;
      }
      .even_paragraphs
      {
        color: green;
        font-size: 20px;
      }
    </style>
  </head>
  <body>
    <p class="odd_paragraphs">Good Morning</p>
    <p class="even_paragraphs">Hello World</p>
    <p class="odd_paragraphs">Thank You</p>
    <p class="even_paragraphs">Bye Bye</p>
  </body>
</html>

```



NOTE: If we define *CSS* for a tag using both tagname and classname then the tag accepts style from both of them

id: Similar to class attribute we can mention id attribute to the tags and value is the name of the id. Then while writing *CSS Style* in head tag use the class name preceded with #(hash)(Because by default it thinks that as a tag name) instead of the tagname

Id is made for pure uniqueness

NOTE: Whenever we use id name as selector, put #(hash) infront of the id selector while defining in the style

Syntax: #idname

```

{
  property: value;
}

```

```

<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <!--Internal CSS-->
    <style>
      #odd_paragraphs
      {
        color: yellow;
        background-color: blue;
        font-size: 40px;
      }
      #even_paragraphs
      {
        color: green;
        font-size: 20px;
      }
    </style>
  </head>
  <body>
    <p id="odd_paragraphs">Good Morning</p>
    <p id="even_paragraphs">Hello World</p>
    <p id="odd_paragraphs">Thank You</p>
    <p id="even_paragraphs">Bye Bye</p>
  </body>
</html>

```



NOTE: id's have restrictions so they should not be used in *CSS* context but they can be used in *JavaScript* context. Id has the highest priority
Problems in Internal: HTML and CSS will be in same file this makes less portable

External CSS:

It is almost same as Internal *CSS*. But the difference is that *CSS* will be on the different file. We link the *CSS* to HTML using **link** tag and **link** tag has attributes like **rel="stylesheet"** to tell we are relating a style sheet and **href** to mention path of *CSS* file

```

<!--test.html-->
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <!--External CSS--><!--type attribute is optional-->
    <link rel="stylesheet" type="text/css" href="test.css">
  </head>

```

```

<body>
    <h1>External CSS Demonstration</h1>
    <p class="odd_paragraphs">Good Morning</p>
    <p class="even_paragraphs">Hello World</p>
    <p class="odd_paragraphs">Thank You</p>
    <p class="even_paragraphs">Bye Bye</p>
</body>
</html>

```

```

/*test.css*/
.odd_paragraphs
{
    color: yellow;
    background-color: blue;
    font-size: 40px;
}
.even_paragraphs
{
    color: green;
    font-size: 20px;
}

```

The screenshot shows a browser window titled "My Web". The page content is as follows:

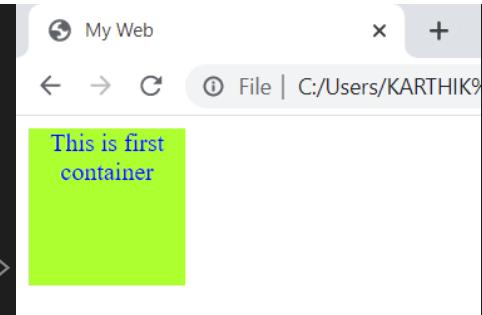
- External CSS Demonstration**
- Good Morning** (yellow text on blue background)
- Hello World (green text)
- Thank You** (yellow text on blue background)
- Bye Bye (green text)

div: div tag(division) is used to create containers in HTML

```

<!--test.html-->
<!DOCTYPE html>
<html>
    <head>
        <title>My Web</title>
        <link rel="stylesheet" href="test.css">
    </head>
    <body>
        <div class="first_container">
            This is first container
        </div>
    </body>
</html>

```



```

/*test.css*/
.first_container
{
    color: blue;
    background-color: greenyellow;
    height: 100px;
}

```

```
    width: 100px;  
    text-align: center;  
}
```

Pixel vs Percentage:

Pixel doesn't depend on anything and they never change. If we resize the window still it will be the same value that is given.

Percentage always depends on the parent. It is the ratio relative to the parent. If we resize the window the elements also gets resized.

```
<!--test.html-->  
<!DOCTYPE html>  
<html>  
  <head>  
    <title>My Web</title>  
    <link rel="stylesheet" href="test.css">  
  </head>  
  <body>  
    <p>Pixels</p>  
    <div class="first_container">  
      <div class="first_container_child">  
        </div>  
    </div>  
    <p>Percentage</p>  
    <div class="first_container_percentage">  
      <div class="first_container_child_percentage">  
        </div>  
    </div>  
  </body>  
</html>
```

```
/*test.css*/  
.first_container  
{  
  background-color: greenyellow;  
  height: 300px;  
  width: 450px;  
  text-align: center;  
}  
  
.first_container_child  
{  
  background-color: red;  
  height: 220px;
```

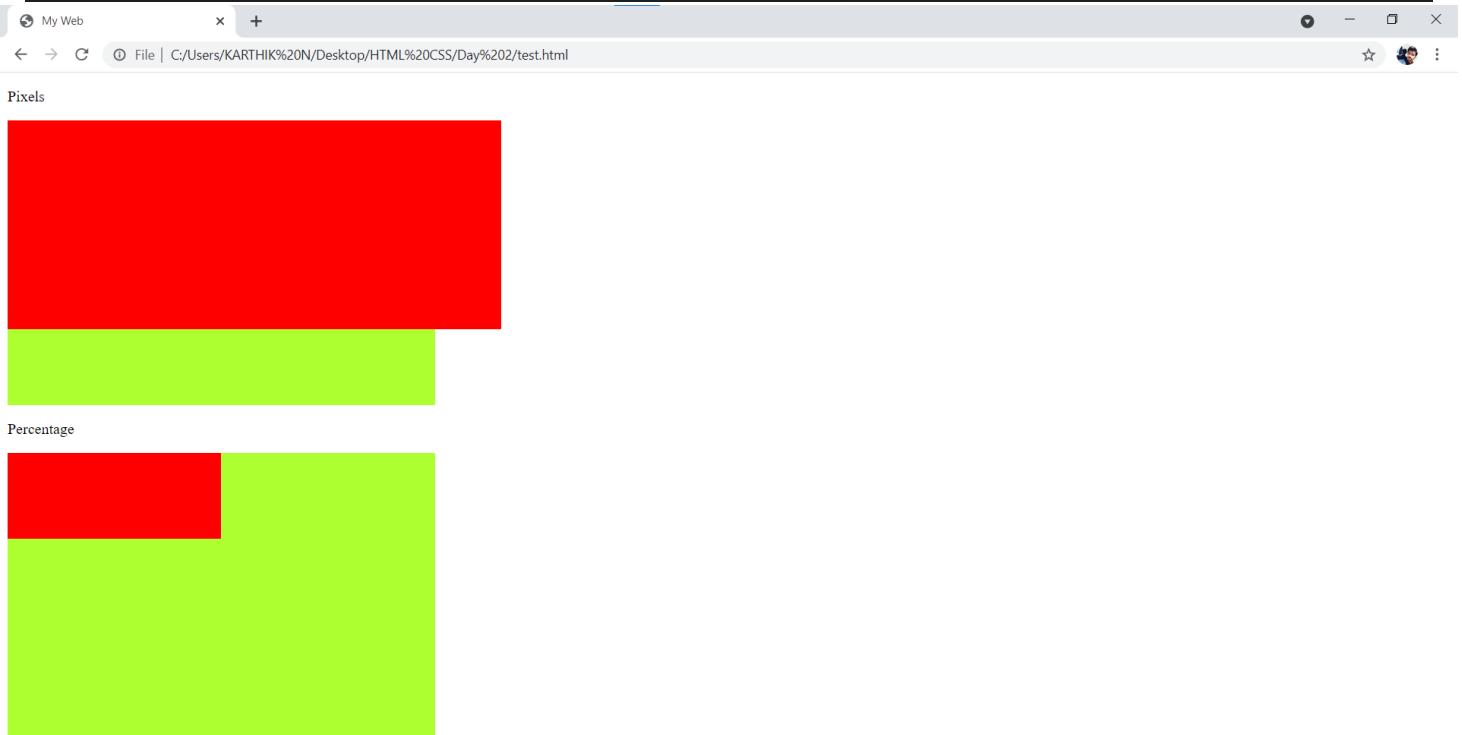
```

width: 520px;
}

.first_container_percentage
{
    background-color: greenyellow;
    height: 300px;
    width: 450px;
    text-align: center;
}

.first_container_child_percentage
{
    background-color: red;
    height: 30%; /*Aquires 30% height of the parent*/
    width: 50%; /*Aquires 50% width of the parent*/
}

```



ViewportHeight(vh): It is the current screen area that we can see(not the downward scrollable)

It is a unit used in CSS to measure like pixel(px) and percentage(%), it can be used with width, height also

The complete page including scrollable is our page and the area that we can see is the Viewport.

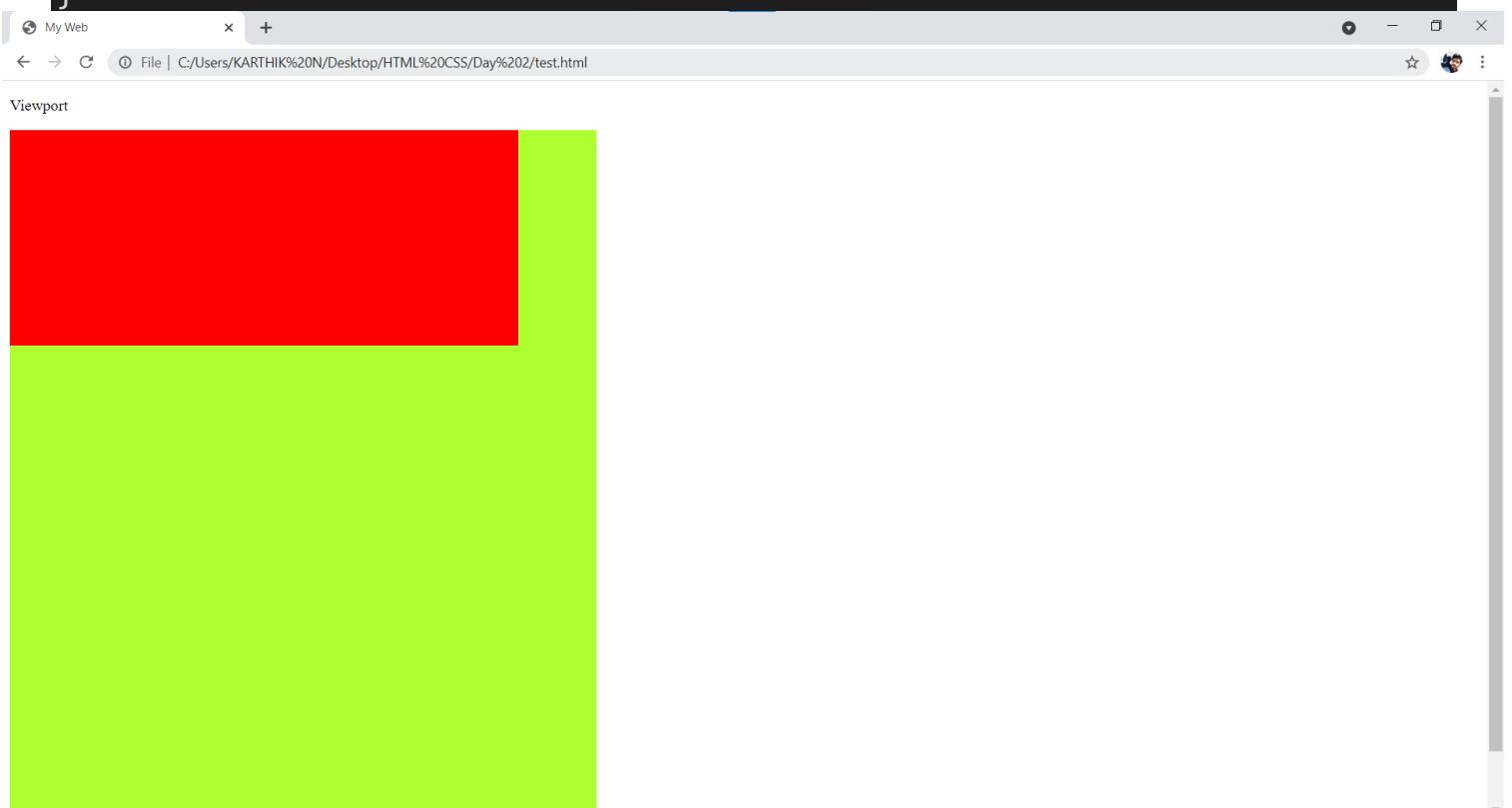
```

<!--test.html-->
<!DOCTYPE html>
<html>
    <head>
```

```
<title>My Web</title>
<link rel="stylesheet" href="test.css">
</head>
<body>
    <p>Viewport</p>
    <div class="first_container">
        <div class="first_container_child">
        </div>
    </div>
</body>
</html>
```

```
/*test.css*/
.first_container
{
    background-color: greenyellow;
    height: 100vh; /*It makes the color scrollable*/
    width: 600px;
    text-align: center;
}

.first_container_child
{
    background-color: red;
    height: 220px;
    width: 520px;
}
```



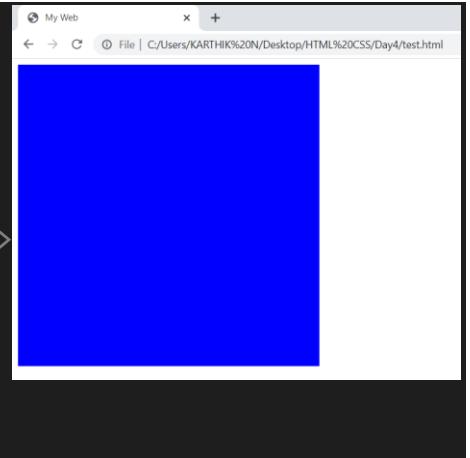
Day 3:

Discussion's session

Day 4:

Padding:

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="my_div">
    </div>
  </body>
</html>
```



```
.my_div
{
  height: 300px;
  width: 300px;
  background-color: blue;
  padding: 50px; /*Padding adds the extra fake size to the element*/
}
```

My Web

Responsive ▾ 790 | 666 | 100% | No throttling ▾

Elements Console Sources Network Performance Memory Application DOM Breakpoints

File | C:/Users/KARTHIK%20N/Desktop/HTML%20CSS/Day4/test.html

Styles Computed Layout Event Listeners DOM Breakpoints

Filter

element.style {

```
...   <div class="my_div"> </div> =-
  </body>
</html>
```

.my_div { test.css:2
 height: 300px;
 width: 300px;
 background-color: blue;
 padding: 50px;
}

div { user agent stylesheet
 display: block;

margin - border - padding 50 - 50 300 × 300 50 - -

Original → Padding

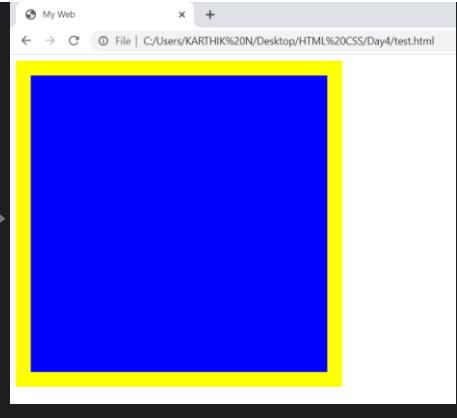
html body div.my_div

Border:

Border property is same as padding but border allows to have different colour whereas padding doesn't allow. Border comes above padding

It takes 3 values, border: size border_type color;

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="my_div">
    </div>
  </body>
</html>
```

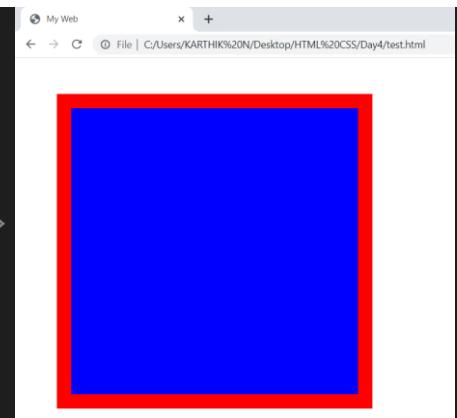


```
.my_div
{
  height: 300px;
  width: 300px;
  background-color: blue;
  padding: 50px;
  border: 20px solid yellow;
}
```

Margin:

Margin is just an extra size like padding, but it is invisible

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="my_div">
    </div>
  </body>
</html>
```



```
.my_div
{
  height: 300px;
  width: 300px;
```

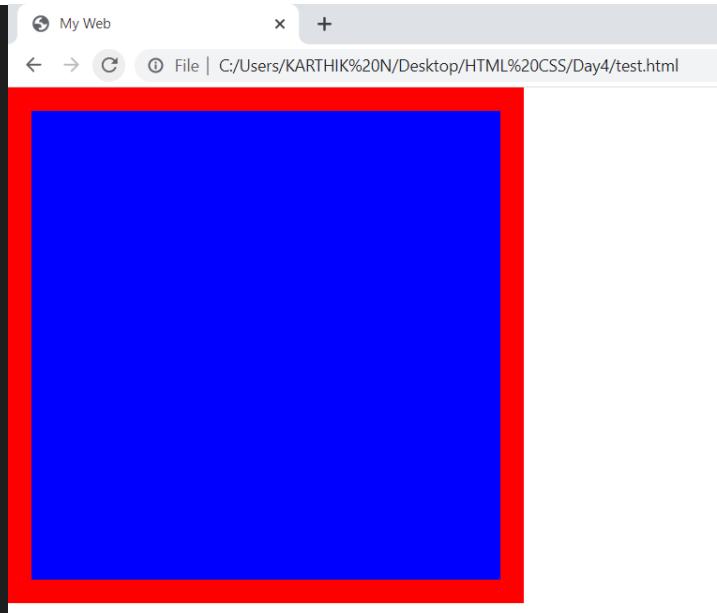
```
background-color: blue;  
padding: 50px;  
border: 20px solid red;  
margin: 50px;  
}
```

Removing the extra margin in web page:

This margin is from body tag, so remove it forcefully

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title>My Web</title>  
    <link rel="stylesheet" href="test.css"/>  
  </head>  
  <body>  
    <div class="my_div">  
    </div>  
  </body>  
</html>
```

```
body  
{  
  margin: 0px;  
}  
  
.my_div  
{  
  height: 300px;  
  width: 300px;  
  background-color: blue;  
  padding: 50px;  
  border: 20px solid red;  
}
```



Applying a property for all the elements:

This can be done using a selector called *(asterisk). It is also called as **Universal Selector**

Syntax: *
{
 Property: value;
}

```
<!DOCTYPE html>  
<html>
```

```

<head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
</head>
<body>
    <div class="my_div">
    </div>
    <p>Cascading Style Sheets</p>
</body>
</html>

```

The screenshot shows a web browser window titled "My Web". Inside the window, there is a single paragraph of text: "Cascading Style Sheets". This text is contained within a blue rectangular box, which has a thick red border around it. The background of the browser window is white.

```

/*
{
    margin: 0px;
    color: aqua;
}

.my_div
{
    height: 300px;
    width: 300px;
    background-color: blue;
    padding: 50px;
    border: 20px solid red;
}

```

Box-sizing:

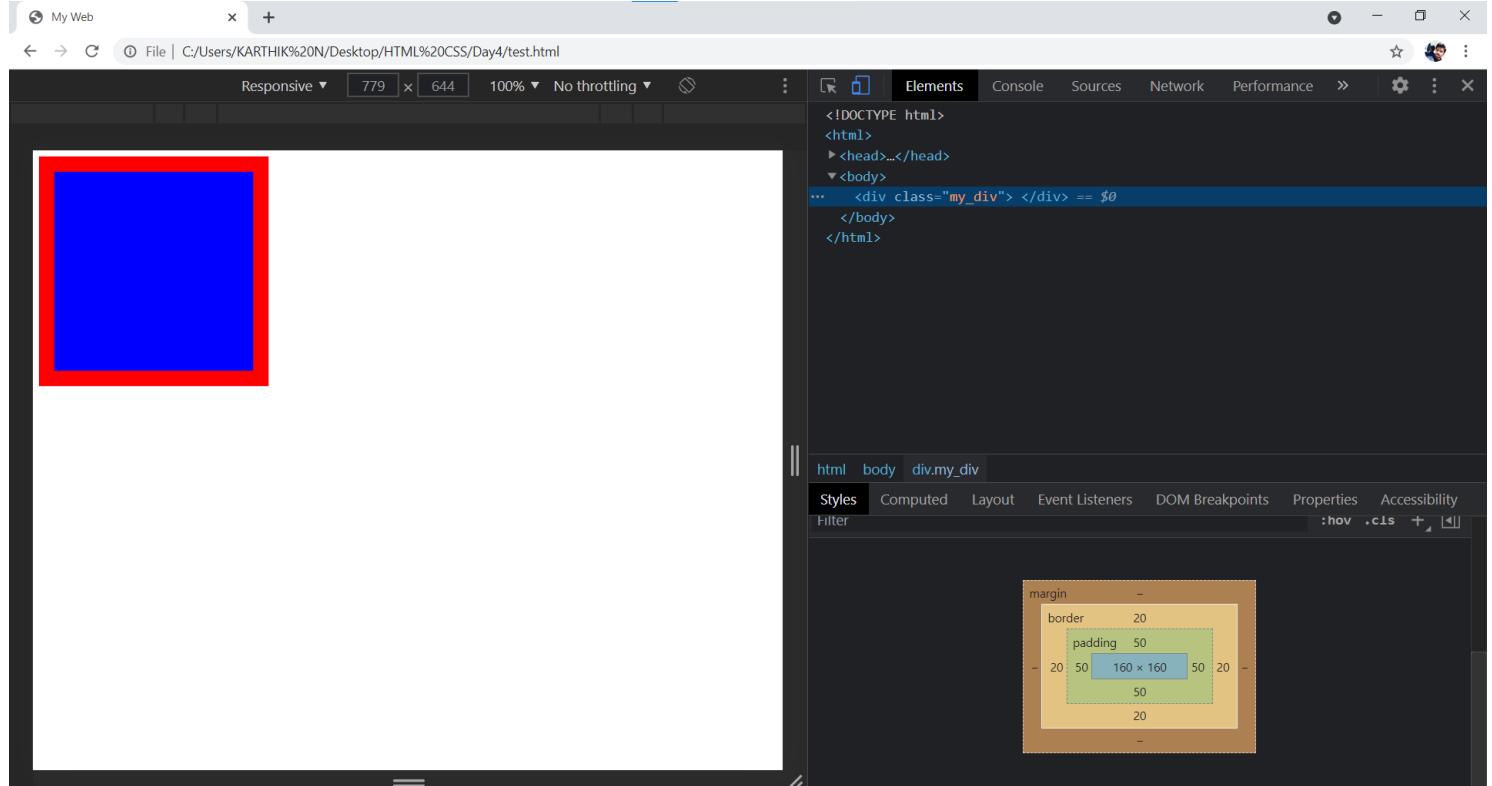
By default, this property has value content-box. When give the value as border-box, border is counted under actual size (It will remove some pixels from height and width to make sure height and width remains same including the border)

```

<!DOCTYPE html>
<html>
    <head>
        <title>My Web</title>
        <link rel="stylesheet" href="test.css"/>
    </head>
    <body>
        <div class="my_div">
        </div>
    </body>
</html>

```

```
.my_div
{
    height: 300px;
    width: 300px;
    background-color: blue;
    padding: 50px;
    border: 20px solid red;
    box-sizing: border-box;
}
```



NOTE: Observe that the height and width remain the same as given including the border

Inline and Block elements:

A block-level element always starts on a new line. A block-level element always takes up the full width available (stretches out to the left and right as far as it can). A block level element has a top and a bottom margin, whereas an inline element does not. Ex: div, p, dd, dl, hr, form, h1-h6, pre, section, table, video, ul, li ...etc.,

An inline element does not start on a new line. An inline element only takes up as much width as necessary. Ex: span, input, script, button, br...etc.,

Converting an element from Block to Inline:

By default, the elements will be of block type. This can be done using display property

```
<!DOCTYPE html>
```

```

<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="my_div">
    </div>
    <div class="my_div2">
    </div>
  </body>
</html>

```



```

.my_div
{
  height: 300px;
  width: 300px;
  background-color: blue;
  display: inline-block;
}

.my_div2
{
  height: 100px;
  width: 100px;
  background-color: red;
  display: inline-block;
}

```

Child and Parent relation with respect to height and weight:

```

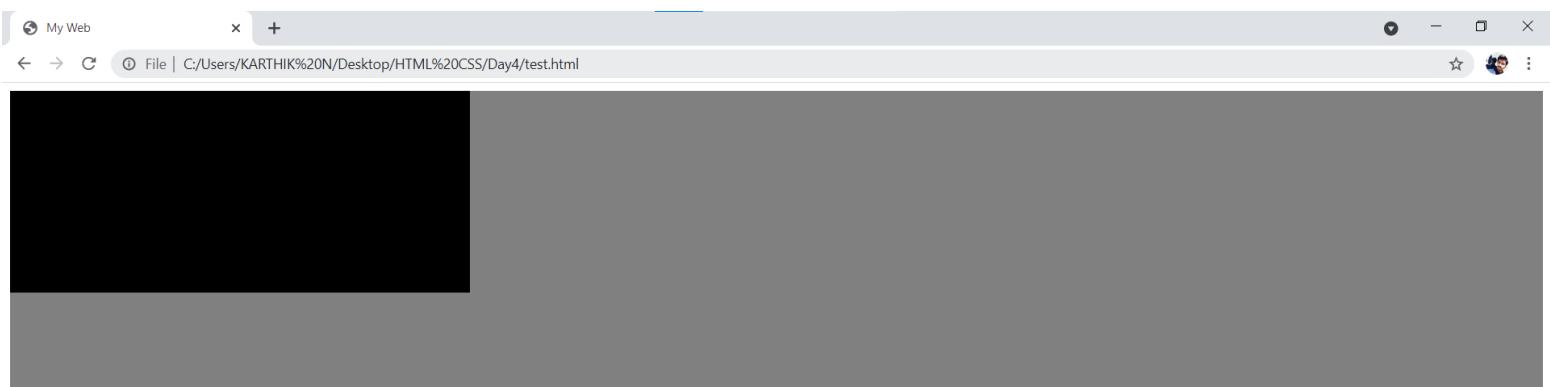
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="parent">
      <div class="children">
      </div>
    </div>
  </body>
</html>

```

```
.parent
{
    width: 100%;
    height: 300px; /*If the height is removed, then it takes child height*/
    background-color: gray;
}

.children
{
    width: 30%; /*The width always depends on parent*/
    height: 200px;
    background-color: black;
}
```

NOTE: It is good idea not to give the height for parent so that it grows based on the children



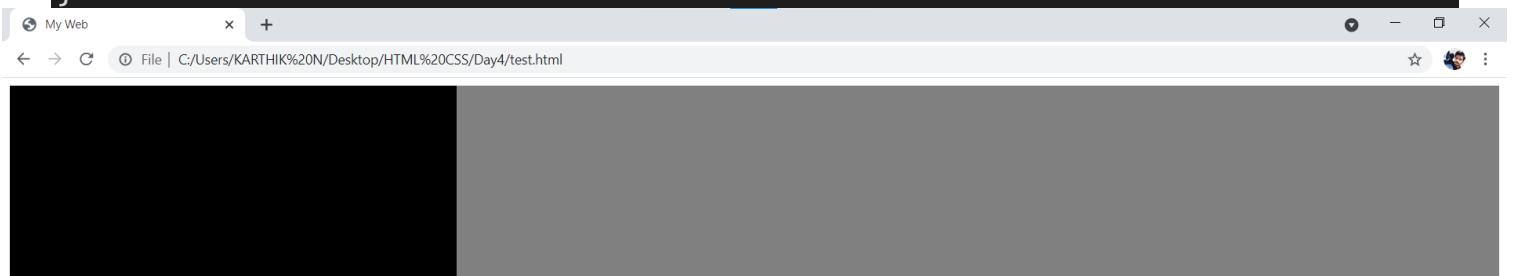
```
<!DOCTYPE html>
<html>
    <head>
        <title>My Web</title>
        <link rel="stylesheet" href="test.css"/>
    </head>
    <body>
        <div class="parent">
            <div class="children">
            </div>
        </div>
    </body>

```

```
</div>
</body>
</html>
```

```
.parent
{
    width: 100%;
    /* height: 300px; If the height is removed, then it takes child height */
    background-color: gray;
}

.children
{
    width: 30%; /*The width always depends on parent*/
    height: 200px;
    background-color: black;
}
```



```
<!DOCTYPE html>
<html>
    <head>
        <title>My Web</title>
        <link rel="stylesheet" href="test.css"/>
    </head>
    <body>
        <div class="parent">
            <div class="children">
```

```
</div>
<div class="children">
</div>
<div class="children">
</div>
</div>
</body>
</html>
```

```
.parent
{
    width: 100%;
    /* height: 300px; If the height is removed, then it takes child height */
    background-color: gray;
}

.children
{
    width: 30%; /*The width always depends on parent*/
    height: 200px;
    background-color: black;
    display: inline-block;
}
```

Flexbox:

It is a property of CSS. Display property uses flex as value in parent which enables to create a flexible box (We don't give it to child) and also it doesn't create extra space in-between childlike inline-box

```
<!DOCTYPE html>
<html>
    <head>
        <title>My Web</title>
        <link rel="stylesheet" href="test.css"/>
    </head>
    <body>
        <div class="parent">
            <div class="children">
            </div>
            <div class="second_children">
            </div>
            <div class="third_children">
            </div>
        </div>
    </body>

```

```
</div>
<div class="fouth_children">
</div>
</div>
</body>
</html>
```

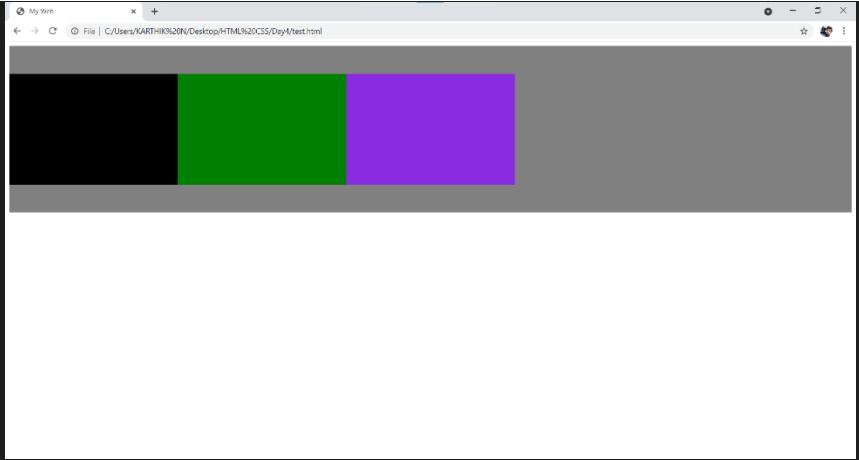
```
.parent
{
    width: 100%;
    background-color: gray;
    padding-top: 50px;
    padding-bottom: 50px;
    display: flex;
}

.children
{
    width: 20%;
    height: 200px;
    background-color: black;
}

.second_children
{
    width: 20%;
    height: 200px;
    background-color: green;
}

.third_children
{
    width: 20%;
    height: 200px;
    background-color: blueviolet;
}

.fourth_children
{
    width: 20%;
    height: 200px;
    background-color: cadetblue;
}
```



NOTE: We can also use flex-direction property in parent that accepts value column or row which arranges the child in the given direction

When it is row, x axis -> Main Axis

Y axis -> Cross Axis

When it is column, x axis -> Cross Axis

Y axis -> Main Axis

Justify-content:

It is property given to parent which takes values flex-end, flex-start, center, space-around and space-evenly. It applies on Main Axis

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web</title>
    <link rel="stylesheet" href="test.css"/>
  </head>
  <body>
    <div class="parent">
      <div class="children">
        </div>
        <div class="second_children">
        </div>
        <div class="third_children">
        </div>
        <div class="fouth_children">
        </div>
      </div>
    </body>
</html>
```

```
.parent
{
  width: 100%;
  background-color: gray;
  padding-top: 50px;
  padding-bottom: 50px;
  display: flex;
  flex-direction: row;
  justify-content: flex-end; /*Justify content*/
}

.children
{
```

```
width: 20%;  
height: 200px;  
background-color: black;  
}  
  
.second_children  
{  
width: 20%;  
height: 200px;  
background-color: green;  
}  
  
.third_children  
{  
width: 20%;  
height: 200px;  
background-color: blueviolet;  
}  
  
.fourth_children  
{  
width: 20%;  
height: 200px;  
background-color: cadetblue;  
}
```



NOTE: Similar to justify-content property there is one more property for cross axis i.e., align-items

Day 5:

Project: A website for a start-up company

Creating the layout for header:



```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>
    <div class="header_section">
      <div class="container header_container"> <!--
      container and header_container are two different classes--&gt;
        &lt;div class="logo"&gt;
          TechStack
        &lt;/div&gt;
        &lt;div class="nav"&gt;
          &lt;div class="nav-item"&gt;Home&lt;/div&gt;
          &lt;div class="nav-item"&gt;About&lt;/div&gt;
          &lt;div class="nav-item"&gt;Services&lt;/div&gt;
          &lt;div class="nav-item"&gt;Portfolio&lt;/div&gt;
          &lt;div class="nav-item"&gt;Contact&lt;/div&gt;
        &lt;/div&gt;
      &lt;/div&gt;
    &lt;/body&gt;
  &lt;/html&gt;</pre>
```

```
*  
{  
    margin: 0px;  
    padding: 0px;  
}  
  
/* CSS for header */  
.header_section  
{  
    background-color: #0771aa;  
    height: 70px;  
    width: 100%;  
    display: flex;  
    justify-content: center;  
}  
  
.container /*Two classes because we use container for many other but  
not the properties of header_container*/  
{  
    width: 80%;  
    height: 70px;  
    background-color: #e20000;  
    display: flex;  
}  
  
.header_container  
{  
    justify-content: space-between;  
}  
  
.logo  
{  
    width: 20%;  
    height: 70px;  
    background-color: #d8d51e;  
    font-size: 40px;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    text-align: center;  
    font-weight: bold;  
}  
  
.nav  
{  
    height: 70px;
```

```

width: 35%;
background-color: green;
display: flex;
}

.nav-item
{
width: 20%;
height: 70px;
background-color: gray;
/* font-size: 18px; */
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
text-align: center;
line-height: 70px;
}

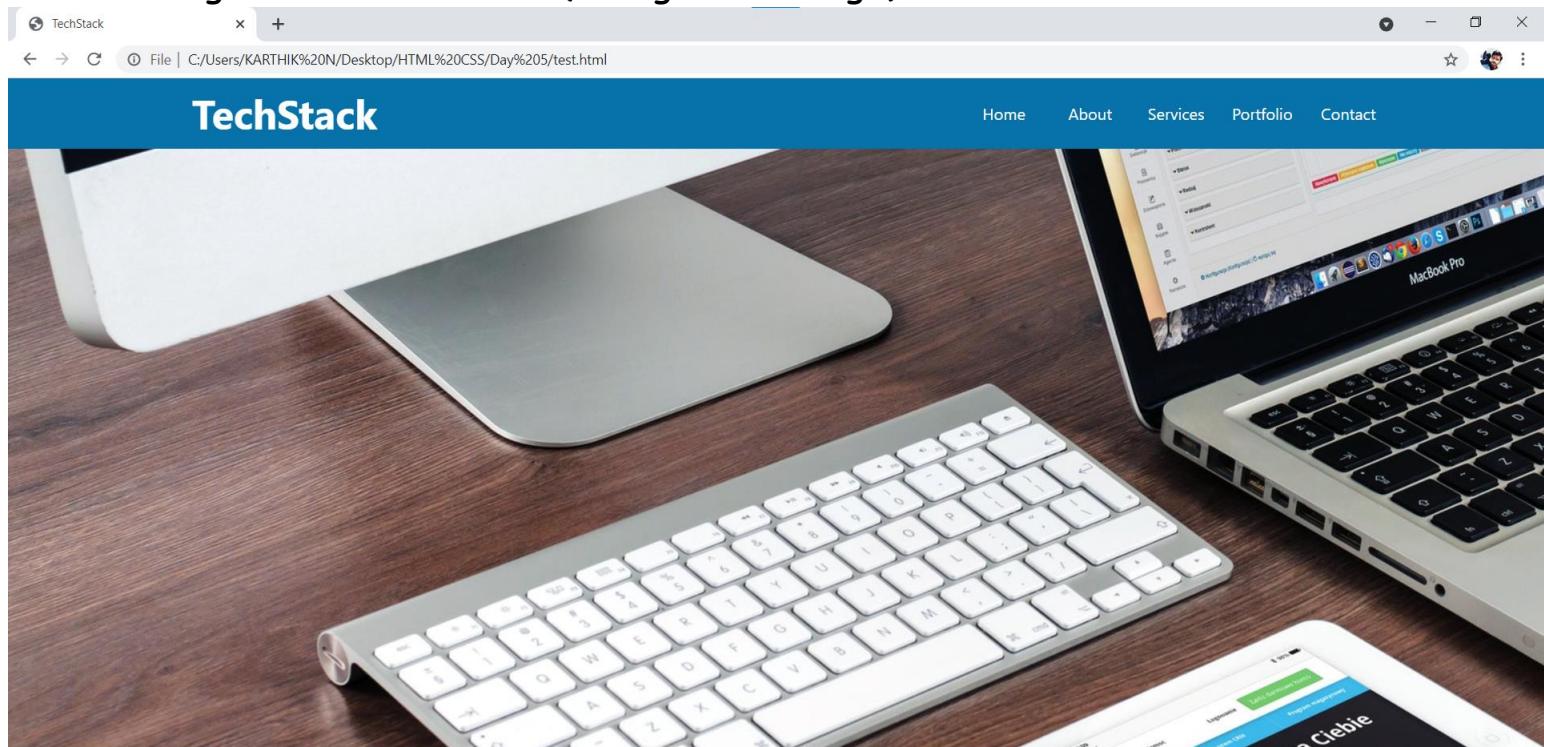
```

Later remove all the colors except header_section's blue color and make the logo and nav-item text white using color:white;

NOTE: cursor: pointer; this property makes the cursor to hand symbol when taken on that.

Tips: <https://www.pexels.com/> to get free images with custom pixels

Creating header and banner(background-image):



```

<!DOCTYPE html>
<html>

```

```

<head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
</head>
<body>

    <!--Header Starts Here-->
    <div class="header_section">
        <div class="container header_container">    <!--
container and header_container are two different classes-->
            <div class="logo">
                TechStack
            </div>
            <div class="nav">
                <div class="nav-item">Home</div>
                <div class="nav-item">About</div>
                <div class="nav-item">Services</div>
                <div class="nav-item">Portfolio</div>
                <div class="nav-item">Contact</div>
            </div>
        </div>
    </div>
    <!--Header Ends Here-->

    <!--Banner Starts Here-->
    <div class="banner">
        </div>
    <!--Banner Ends Here-->

</body>
</html>

```

```

/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    background-color: #0771aa;

```

```
height: 70px;
width: 100%;
display: flex;
justify-content: center;
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
    width: 80%;
    height: 70px;
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    font-weight: bold;
    line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
```

```

height: 70px;
/* background-color: gray; */
/* font-size: 18px; */
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
color: white;
text-align: center;
line-height: 70px;
cursor: pointer; /*To get an hand symbol on going on texts*/
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

.banner
{
    height: 600px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
}

```

NOTE: To adjust the background-image automatically, use
`background-size: cover;`

`rgba()` - here `rgb` stands for red, green, blue whose values are 0-255 and `a` stands for alpha which is used to give transparency and its value lies between 0 and 1

Creating Banner:

TechStack

Home About Services Portfolio Contact

Build With Us

Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.

START WORKING

```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>

    <!--Header Starts Here-->
    <div class="header_section">
      <div class="container header_container"> <!--
      container and header_container are two different classes-->
        <div class="logo">
          TechStack
        </div>
        <div class="nav">
          <div class="nav-item">Home</div>
          <div class="nav-item">About</div>
          <div class="nav-item">Services</div>
          <div class="nav-item">Portfolio</div>
          <div class="nav-item">Contact</div>
        </div>
      </div>
    </div>
  <!--Header Ends Here-->
```

```

<!--Banner Starts Here-->
    <div class="banner">
        <div class="overlay">
            <div class="banner_text">
                <div class="padd">
                    <h1 class="banner_title">Build With Us</h1>
                    <p>Technology is the sum of techniques, skills
, methods, and processes used in the production of goods or services o
r in the accomplishment of objectives, such as scientific investigatio
n. Technology has many effects.</p>
                    <p>
                        <button class="banner_btn">
                            Start Working
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
<!--Banner Ends Here-->

</body>
</html>

```

```

/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    background-color: #0771aa;
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/

```

```
{  
    width: 80%;  
    height: 70px;  
    /* background-color: #e20000; */  
    display: flex;  
}  
  
.header_container  
{  
    justify-content: space-between;  
}  
  
.logo  
{  
    width: 20%;  
    height: 70px;  
    /* background-color: #d8d51e; */  
    color: white;  
    font-size: 40px;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    text-align: center;  
    font-weight: bold;  
    line-height: 70px; /*To the text come to center on the height*/  
}  
  
.nav  
{  
    height: 70px;  
    width: 35%;  
    /* background-color: green; */  
    display: flex;  
}  
  
.nav-item  
{  
    width: 20%;  
    height: 70px;  
    /* background-color: gray; */  
    /* font-size: 18px; */  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    color: white;  
    text-align: center;  
    line-height: 70px;  
    cursor: pointer; /*To get an hand symbol on going on texts*/  
}
```

```
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 600px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
    /*background-
size: cover; To automatically adjust the background image*/
}

.overlay
{
    height: 600px;
    width: 100%;
    background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparent and value lies between 0 and 1*/
    display: flex;
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
```

```
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}
```

Creating a service:

The screenshot shows a web browser window with the title bar "TechStack". The address bar displays the file path "C:/Users/KARTHIK%20N/Desktop/HTML%20CSS/Day%205/test.html". The main content area features a blue header with the "TechStack" logo. Below the header is a banner image of a keyboard and a laptop screen. The main heading "What we do?" is centered above a service card for "Web Designing". The service card includes a thumbnail image of a person working on a laptop, the service name "Web Designing", a descriptive paragraph about web design, and a "VIEW SERVICE" button.

```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>

    <!--Header Section Starts Here-->
    <div class="header_section">
      <div class="container header_container"> <!--
      container and header_container are two different classes-->
        <div class="logo">
          TechStack
        </div>
        <div class="nav">
          <div class="nav-item">Home</div>
          <div class="nav-item">About</div>
          <div class="nav-item">Services</div>
          <div class="nav-item">Portfolio</div>
          <div class="nav-item">Contact</div>
        </div>
      </div>
    </div>
    <!--Header Section Ends Here-->
```

```
<!--Banner Section Starts Here-->
<div class="banner">
    <div class="overlay">
        <div class="banner_text">
            <div class="padd">
                <h1 class="banner_title">Build With Us</h1>
                <p>Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.</p>
                <p>
                    <button class="banner_btn">
                        Start Working
                    </button>
                </p>
            </div>
        </div>
    </div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Designing</h1>
                    <p class="service_desc">Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
<!--Services Section Ends Here-->
```

```
                </button>
            </p>
        </div>
    </div>

</div>
</div>
<!--Services Section Ends Here-->

</body>
</html>
```

```
/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    background-color: #0771aa;
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    position: fixed;      /*Make the header to stay at the fixed position*/
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
```

```
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    font-weight: bold;
    line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
```

```
}

/*CSS for Banner*/
.banner
{
    height: 600px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
    /*background-
size: cover; To automatically adjust the background image*/
}

.overlay
{
    height: 600px;
    width: 100%;
    background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparentct and value li
es between 0 and 1*/
    display: flex;
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
```

```
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}

/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
    background-color: #e7e3e3f6;
    display: flex;
    align-items: center;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
{
    margin-top: 50px;
```

```
flex-wrap: wrap;
justify-content: space-between;

}

.service
{
    height: 400px;
    width: 40%;
    background-color: white;
    display: flex;
    margin: 20px;
}

.service_img
{
    width: 40%;
    height: 400px;
    /* background-color: red; */
    display: flex;
    overflow: hidden; /*To hide the overflown image(came out of layout
)*/}
}

.service_details
{
    width: 60%;
    height: 400px;
    /* background-color: green; */
    display: flex;
    align-items: center;
}

.service_padd
{
    padding: 20px;
}

.service_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
```

```

padding-bottom: 15px;
text-transform: uppercase;
background-color: rgba(7,113,170,1);
color: white;
font-weight: bold;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
border: none;
cursor: pointer;
transition: 2s;
}

.service_title
{
margin-bottom: 15px;
text-align: left;
}

.service_desc
{
margin-bottom: 30px;
text-align: left;
}

```

Creating multiple services:

The screenshot shows a web browser window titled "TechStack" displaying four service cards side-by-side. Each card has a corresponding image on the left and a title and description on the right.

- Web Development**: An image of a person's hand pointing at a laptop screen. Description: "Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers." Call-to-action: "VIEW SERVICE".
- Android App Development**: An image of a hand holding a smartphone displaying various app icons. Description: "Android software development is the process by which applications are created for devices running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit." Call-to-action: "VIEW SERVICE".
- Machine Learning**: An image of a blue abstract network or data visualization. Description: "Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention." Call-to-action: "VIEW SERVICE".
- Cybersecurity**: An image of a computer monitor displaying a terminal window with multiple lines of code and data. Description: "Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes." Call-to-action: "VIEW SERVICE".

```

<!DOCTYPE html>
<html>

```

```
<head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
</head>
<body>

    <!--Header Section Starts Here-->
    <div class="header_section">
        <div class="container header_container">    <!--
        container and header_container are two different classes-->
        <div class="logo">
            TechStack
        </div>
        <div class="nav">
            <div class="nav-item">Home</div>
            <div class="nav-item">About</div>
            <div class="nav-item">Services</div>
            <div class="nav-item">Portfolio</div>
            <div class="nav-item">Contact</div>
        </div>
    </div>
</div>
<!--Header Section Ends Here-->

    <!--Banner Section Starts Here-->
    <div class="banner">
        <div class="overlay">
            <div class="banner_text">
                <div class="padd">
                    <h1 class="banner_title">Build With Us</h1>
                    <p>Technology is the sum of techniques, skills
                    , methods, and processes used in the production of goods or services o
                    r in the accomplishment of objectives, such as scientific investigatio
                    n. Technology has many effects.</p>
                    <p>
                        <button class="banner_btn">
                            Start Working
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
<!--Banner Section Ends Here-->
```

```
<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development<
/h1>
                    <p class="service_desc">Web design refers
to the design of websites that are displayed on the internet. It usual
ly refers to the user experience aspects of website development rather
than software development. Web design used to be focused on designing
websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Android App Deve
lopment</h1>
                    <p class="service_desc">Android software d
evelopment is the process by which applications are created for device
s running the Android operating system. Google states that "Android ap
```

ps can be written using Kotlin, Java, and C++ languages" using the And
roid software development kit</p>

```
<p>
    <button class="service_btn">
        View Service
    </button>
</p>
</div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Machine Learning
</h1>
            <p class="service_desc">Machine learning i
s a method of data analysis that automates analytical model building.
It is a branch of artificial intelligence based on the idea that syste
ms can learn from data, identify patterns and make decisions with mini
mal human intervention.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
```

```
<h1 class="service_title">Cybersecurity</h1>
1>
    <p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
    <p>
        <button class="service_btn">
            View Service
        </button>
    </p>
    </div>
</div>
</div>

</div>
</div>
<!--Services Section Ends Here--&gt;

&lt;/body&gt;
&lt;/html&gt;</pre>
```

```
*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    background-color: #0771aa;
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    /* position: fixed;      Make the header to stay at the fixed position */
}

.container /*Two classes because we use container for many other but not the properties of header_container*/
```

```
{  
    width: 80%;  
    /* height: 70px; */  
    /* background-color: #e20000; */  
    display: flex;  
}  
  
.header_container  
{  
    justify-content: space-between;  
}  
  
.logo  
{  
    width: 20%;  
    height: 70px;  
    /* background-color: #d8d51e; */  
    color: white;  
    font-size: 40px;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    text-align: center;  
    font-weight: bold;  
    line-height: 70px; /*To the text come to center on the height*/  
}  
  
.nav  
{  
    height: 70px;  
    width: 35%;  
    /* background-color: green; */  
    display: flex;  
}  
  
.nav-item  
{  
    width: 20%;  
    height: 70px;  
    /* background-color: gray; */  
    /* font-size: 18px; */  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    color: white;  
    text-align: center;  
    line-height: 70px;  
    cursor: pointer; /*To get an hand symbol on going on texts*/  
}
```

```
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 600px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
    /*background-
size: cover; To automatically adjust the background image*/
}

.overlay
{
    height: 600px;
    width: 100%;
    background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparent and value lies between 0 and 1*/
    display: flex;
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
```

```
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}

/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
```

```
background-color: #e7e3e3f6;
display: flex;
align-items: center;
flex-direction: column;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
{
    margin-top: 50px;
    flex-wrap: wrap;
    justify-content: space-between;
}

.service
{
    height: 400px;
    width: 40%;
    background-color: white;
    display: flex;
    margin: 20px;
}

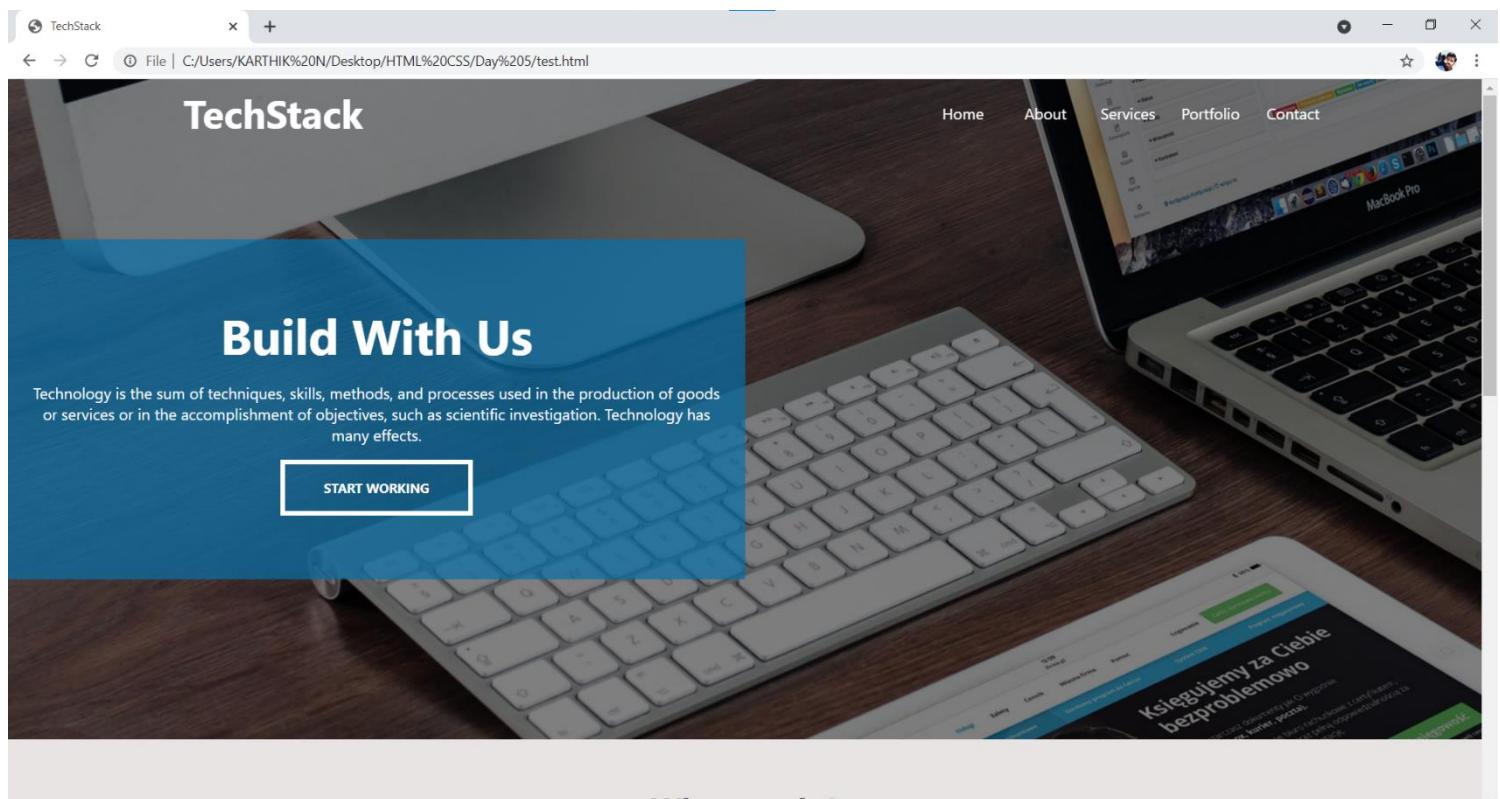
.service_img
{
    width: 40%;
    height: 400px;
    /* background-color: red; */
    display: flex;
    overflow: hidden; /*To hide the overflown image(came out of layout */
}/*
}

.service_details
{
    width: 60%;
    height: 400px;
    /* background-color: green; */
    display: flex;
    align-items: center;
}

.service_padd
```

```
{  
  padding: 20px;  
}  
  
.service_btn  
{  
  margin-top: 15px;  
  padding-left: 40px;  
  padding-right: 40px;  
  padding-top: 15px;  
  padding-bottom: 15px;  
  text-transform: uppercase;  
  background-color: rgba(7,113,170,1);  
  color: white;  
  font-weight: bold;  
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
  border: none;  
  cursor: pointer;  
  transition: 2s;  
}  
  
.service_title  
{  
  margin-bottom: 15px;  
  text-align: left;  
}  
  
.service_desc  
{  
  margin-bottom: 30px;  
  text-align: left;  
}
```

Updating the header UI:



What we do?

Web Development

Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.

[VIEW SERVICE](#)

Android App Development

Android software development is the process by which applications are created for devices running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit.

[VIEW SERVICE](#)

```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>

    <!--Header Section Starts Here-->
```

```
<div class="header_section">
    <div class="container header_container">    <!--
container and header_container are two different classes-->
        <div class="logo">
            TechStack
        </div>
        <div class="nav">
            <div class="nav-item">Home</div>
            <div class="nav-item">About</div>
            <div class="nav-item">Services</div>
            <div class="nav-item">Portfolio</div>
            <div class="nav-item">Contact</div>
        </div>
    </div>
</div>
<!--Header Section Ends Here-->

<!--Banner Section Starts Here-->
<div class="banner">
    <div class="overlay">
        <div class="banner_text">
            <div class="padd">
                <h1 class="banner_title">Build With Us</h1>
                <p>Technology is the sum of techniques, skills
, methods, and processes used in the production of goods or services o
r in the accomplishment of objectives, such as scientific investigatio
n. Technology has many effects.</p>
                <p>
                    <button class="banner_btn">
                        Start Working
                    </button>
                </p>
            </div>
        </div>
    </div>
</div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">
        <div class="service">
```

```
<div class="service_img">
    
</div>
<div class="service_details">
    <div class="service_padd">
        <h1 class="service_title">Web Development<
/h1>
        <p class="service_desc">Web design refers
to the design of websites that are displayed on the internet. It usual
ly refers to the user experience aspects of website development rather
than software development. Web design used to be focused on designing
websites for desktop browsers.</p>
        <p>
            <button class="service_btn">
                View Service
            </button>
        </p>
    </div>
</div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Android App Deve
lopment</h1>
            <p class="service_desc">Android software d
evelopment is the process by which applications are created for device
s running the Android operating system. Google states that "Android ap
ps can be written using Kotlin, Java, and C++ languages" using the And
roid software development kit</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>
```

```
</div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Machine Learning</h1>
            <p class="service_desc">Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Cybersecurity</h1>
            <p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
            <p>
                <button class="service_btn">

```

```
        View Service
        </button>
    </p>
</div>
</div>
</div>

</div>
</div>
<!--Services Section Ends Here-->

</body>
</html>
```

```
/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    /* background-color: #0771aa; */
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    position: fixed;    /* Make the header to stay at the fixed position */
}

.container /*Two classes because we use container for many other but not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
```

```
justify-content: space-between;
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    font-weight: bold;
    line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
    transition: 0.75s;
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
```

```
background-color: white;
color: #0771aa;
}

/*CSS for Banner*/
.banner
{
height: 680px;
width: 100%;
background-color: gray;
background-image: url('Images/banner.jpg');
background-
size: cover; /*To automatically adjust the background image*/
}

.overlay
{
height: 680px;
width: 100%;
background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparent and value li
es between 0 and 1*/
display: flex;
align-items: center;
}

.banner_text
{
height: 350px;
width: 50%;
background-color: rgba(7,113,170,0.7);
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
display: flex;
align-items: center;
color: white;
}

.padd
{
padding: 20px;
text-align: center;
}
```

```
.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}

/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
    background-color: #e7e3e3f6;
    display: flex;
    align-items: center;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
```

```
{  
    margin-top: 50px;  
    flex-wrap: wrap;  
    justify-content: space-between;  
  
}  
  
.service  
{  
    height: 400px;  
    width: 40%;  
    background-color: white;  
    display: flex;  
    margin: 20px;  
}  
  
.service_img  
{  
    width: 40%;  
    height: 400px;  
    /* background-color: red; */  
    display: flex;  
    overflow: hidden; /*To hide the overflown image(came out of layout  
)*/  
}  
  
.service_details  
{  
    width: 60%;  
    height: 400px;  
    /* background-color: green; */  
    display: flex;  
    align-items: center;  
}  
  
.service_padd  
{  
    padding: 20px;  
}  
  
.service_btn  
{  
    margin-top: 15px;  
    padding-left: 40px;  
}
```

```

padding-right: 40px;
padding-top: 15px;
padding-bottom: 15px;
text-transform: uppercase;
background-color: rgba(7,113,170,1);
color: white;
font-weight: bold;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
border: none;
cursor: pointer;
transition: 2s;
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}

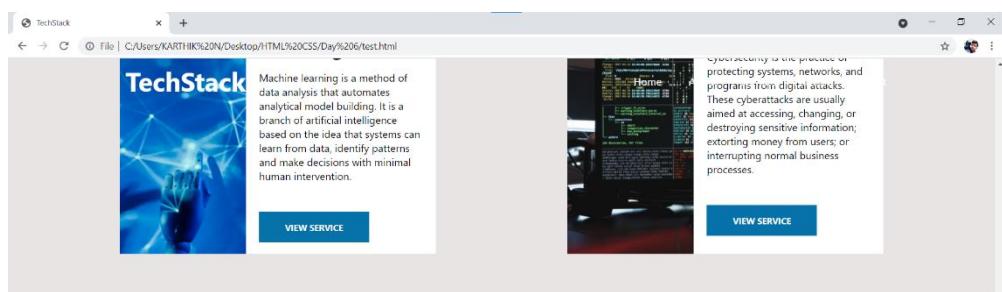
```

Day 6:

(Continue)Project: A website for a start-up company

Span: span tag is a dummy tag that is used to apply some CSS to a tag

Creating about section:



Who Are We?

Technology's recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art; skill, cunning of hand"; and -λογία[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an outcome are referred to as technology systems or technological systems.

```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>

    <!--Header Section Starts Here-->
    <div class="header_section">
      <div class="container header_container"> <!--
      container and header_container are two different classes-->
        <div class="logo">
          TechStack
        </div>
        <div class="nav">
          <div class="nav-item">Home</div>
          <div class="nav-item">About</div>
          <div class="nav-item">Services</div>
          <div class="nav-item">Portfolio</div>
          <div class="nav-item">Contact</div>
        </div>
      </div>
    </div>
    <!--Header Section Ends Here-->

    <!--Banner Section Starts Here-->
    <div class="banner">
      <div class="overlay">
        <div class="banner_text">
          <div class="padd">
            <h1 class="banner_title">Build With Us</h1>
            <p>Technology is the sum of techniques, skills
            , methods, and processes used in the production of goods or services
            or in the accomplishment of objectives, such as scientific investigation.
            Technology has many effects.</p>
            <p>
              <button class="banner_btn">
                Start Working
              </button>
            </p>
          </div>
        </div>
      </div>
    </div>
```

```
</div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development</h1>
                    <p class="service_desc">Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Android App Development</h1>
                    <p class="service_desc">Android software development is the process by which applications are created for device
```

s running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit</p>

```
<p>
    <button class="service_btn">
        View Service
    </button>
</p>
</div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Machine Learning</h1>
            <p class="service_desc">Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
```

```
<h1 class="service_title">Cybersecurity</h1>
<p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
<p>
    <button class="service_btn">
        View Service
    </button>
</p>
</div>
</div>
</div>

</div>
</div>
<!--Services Section Ends Here-->

<!--Who We Are Section Starts Here-->
<div class="about">
    <h1>Who Are We?</h1>
    <div class="container about_container">
        <span class="start_text">Technology's</span> recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an output are referred to as technology systems or technological systems.
    </div>
</div>
```

```
<!--Who We Are Section Ends Here-->
```

```
</body>
</html>
```

```
/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    /* background-color: #0771aa; */
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    position: fixed;    /* Make the header to stay at the fixed position */
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
```

```
font-size: 40px;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
text-align: center;
font-weight: bold;
line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
    transition: 0.75s;
}

/*Changing the color of text when cursor went on text - For Home,About
,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-
class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 680px;
```

```
width: 100%;  
background-color: gray;  
background-image: url('Images/banner.jpg');  
background-size: cover; /*To automatically adjust the background image*/  
}  
  
.overlay  
{  
    height: 680px;  
    width: 100%;  
    background-color: rgba(0,0,0,0.5); /*a - alpha: To give transparent and value lies between 0 and 1*/  
    display: flex;  
    align-items: center;  
}  
  
.banner_text  
{  
    height: 350px;  
    width: 50%;  
    background-color: rgba(7,113,170,0.7);  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    display: flex;  
    align-items: center;  
    color: white;  
}  
  
.padd  
{  
    padding: 20px;  
    text-align: center;  
}  
  
.banner_title  
{  
    font-size: 50px;  
    margin-bottom: 15px;  
}  
  
.banner_btn  
{  
    margin-top: 15px;
```

```
padding-left: 40px;
padding-right: 40px;
padding-top: 15px;
padding-bottom: 15px;
text-transform: uppercase;
background-color: transparent;
color: white;
font-weight: bold;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
border: 5px solid white;
cursor: pointer;
transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}

/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
    background-color: #e7e3e3f6;
    display: flex;
    align-items: center;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
{
    margin-top: 50px;
    flex-wrap: wrap;
    justify-content: space-between;
}

.service
{
```

```
height: 400px;
width: 40%;
background-color: white;
display: flex;
margin: 20px;
}

.service_img
{
    width: 40%;
    height: 400px;
    /* background-color: red; */
    display: flex;
    overflow: hidden; /*To hide the overflown image(came out of layout
)*/}
}

.service_details
{
    width: 60%;
    height: 400px;
    /* background-color: green; */
    display: flex;
    align-items: center;
}

.service_padd
{
    padding: 20px;
}

.service_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
}
```

```
    cursor: pointer;
    transition: 2s;
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

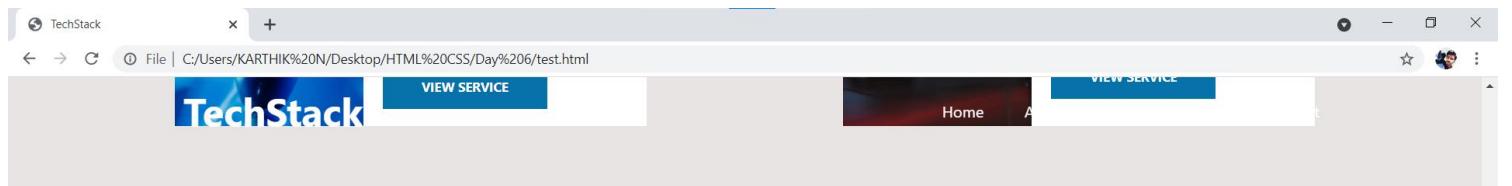
.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}

/* CSS for About */
.about
{
    padding-top: 50px;
    padding-bottom: 50px;
    display: flex;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    align-items: center;
}

.about_container
{
    margin-top: 30px;
    display: inline;
    line-height: 30px;
}

.start_text
{
    font-size: 25px;
    font-weight: bold;
    color: gray;
}
```

Creating Highlights:



Who Are We?

Technology's recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an outcome are referred to as technology systems or technological systems.

200+

Amazing Projects

50+

Happy Clients

500+

Websites Launched

100+

Applications Developed

```
<!DOCTYPE html>
<html>
    <head>
        <title>TechStack</title>
        <link rel="stylesheet" href="test.css">
    </head>
    <body>

        <!--Header Section Starts Here-->
        <div class="header_section">
            <div class="container header_container">    <!--
            container and header_container are two different classes-->
                <div class="logo">
                    TechStack
                </div>
                <div class="nav">
                    <div class="nav-item">Home</div>
                    <div class="nav-item">About</div>
                    <div class="nav-item">Services</div>
                    <div class="nav-item">Portfolio</div>
                    <div class="nav-item">Contact</div>
                </div>
            </div>
        </div>
        <!--Header Section Ends Here-->
```

```
<!--Banner Section Starts Here-->
<div class="banner">
    <div class="overlay">
        <div class="banner_text">
            <div class="padd">
                <h1 class="banner_title">Build With Us</h1>
                <p>Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.</p>
                <p>
                    <button class="banner_btn">
                        Start Working
                    </button>
                </p>
            </div>
        </div>
    </div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development</h1>
                    <p class="service_desc">Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
<!--Services Section Ends Here-->
```

```
                </button>
            </p>
        </div>
    </div>

    <div class="service">
        <div class="service_img">
            
        </div>
        <div class="service_details">
            <div class="service_padd">
                <h1 class="service_title">Android App Deve
lopment</h1>
                <p class="service_desc">Android software d
evelopment is the process by which applications are created for device
s running the Android operating system. Google states that "Android ap
ps can be written using Kotlin, Java, and C++ languages" using the And
roid software development kit</p>
                <p>
                    <button class="service_btn">
                        View Service
                    </button>
                </p>
            </div>
        </div>
    </div>

    <div class="service">
        <div class="service_img">
            
        </div>
        <div class="service_details">
            <div class="service_padd">
                <h1 class="service_title">Machine Learning
</h1>
                <p class="service_desc">Machine learning i
s a method of data analysis that automates analytical model building.
It is a branch of artificial intelligence based on the idea that syste
```

```
ms can learn from data, identify patterns and make decisions with minimal human intervention.</p>
```

```
        <p>
            <button class="service_btn">
                View Service
            </button>
        </p>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Cybersecurity<h1>
            <p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

</div>
</div>
<!--Services Section Ends Here-->
```

```
<!--Who We Are Section Starts Here-->
```

```
<div class="about">
    <h1>Who Are We?</h1>
    <div class="container about_container">
```

Technology's recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an output are referred to as technology systems or technological systems.

</div>
</div>
<!--Who We Are Section Ends Here-->

<!--Highlights Section Starts Here-->
<div class="highlights">
 <div class="container highlights_container">
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">200+</h1>
 <p class="high_desc">Amazing Projects</p>
 </div>
 </div>
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">50+</h1>
 <p class="high_desc">Happy Clients</p>
 </div>
 </div>
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">500+</h1>
 <p class="high_desc">Websites Launched</p>
 </div>
 </div>
 <div class="high_ele">

```
<div class="high_ele_child">
    <h1 class="high_title">100+</h1>
    <p class="high_desc">Applications Developed</p>
>
    </div>
</div>
</div>
<!--Highlights Section Ends Here-->

</body>
</html>
```

```
/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    /* background-color: #0771aa; */
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    position: fixed;    /* Make the header to stay at the fixed position */
}

.container /*Two classes because we use container for many other but not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
```

```
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    font-weight: bold;
    line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
    transition: 0.75s;
}

/*Changing the color of text when cursor went on text - For Home,About ,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-class(Class which was already present and we make use of that)*/
{
    background-color: white;
```

```
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 680px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
    background-
size: cover; /*To automatically adjust the background image*/
}

.overlay
{
    height: 680px;
    width: 100%;
    background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparentct and value li
es between 0 and 1*/
    display: flex;
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
```

```
{  
    font-size: 50px;  
    margin-bottom: 15px;  
}  
  
.banner_btn  
{  
    margin-top: 15px;  
    padding-left: 40px;  
    padding-right: 40px;  
    padding-top: 15px;  
    padding-bottom: 15px;  
    text-transform: uppercase;  
    background-color: transparent;  
    color: white;  
    font-weight: bold;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    border: 5px solid white;  
    cursor: pointer;  
    transition: 2s; /*Time to make the changes over hover*/  
}  
  
.banner_btn:hover  
{  
    background-color: white;  
    color: #0771aa;  
}  
  
/* CSS for Services */  
.services  
{  
    /* No height given because to make it grow based on children */  
    padding-top: 50px;  
    padding-bottom: 50px;  
    background-color: #e7e3e3f6;  
    display: flex;  
    align-items: center;  
    flex-direction: column;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
  
.services_container  
{
```

```
margin-top: 50px;
flex-wrap: wrap;
justify-content: space-between;
}

.service
{
height: 400px;
width: 40%;
background-color: white;
display: flex;
margin: 20px;
}

.service_img
{
width: 40%;
height: 400px;
/* background-color: red; */
display: flex;
overflow: hidden; /*To hide the overflow image(came out of layout
)*/
}

.service_details
{
width: 60%;
height: 400px;
/* background-color: green; */
display: flex;
align-items: center;
}

.service_padd
{
padding: 20px;
}

.service_btn
{
margin-top: 15px;
padding-left: 40px;
padding-right: 40px;
```

```
padding-top: 15px;
padding-bottom: 15px;
text-transform: uppercase;
background-color: rgba(7,113,170,1);
color: white;
font-weight: bold;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
border: none;
cursor: pointer;
transition: 2s;
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}

/* CSS for About */
.about
{
    padding-top: 50px;
    padding-bottom: 50px;
    display: flex;
    width: 100%;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    align-items: center;
}

.about_container
{
    margin-top: 30px;
    display: inline;
    line-height: 30px;
}
```

```
.start_text
{
    font-size: 25px;
    font-weight: bold;
    color: gray;
}

/* CSS for Highlights */
.highlights
{
    padding-top: 50px;
    padding-bottom: 50px;
    width: 100%;
    background-color: rgba(7,113,170,1);
    display: flex;
    justify-content: center;
}

.high_ele
{
    width: 25%;
    height: 150px;
    /* background-color: red; */
    color: white;
    display: flex;
    justify-content: center;
    align-items: center;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
}

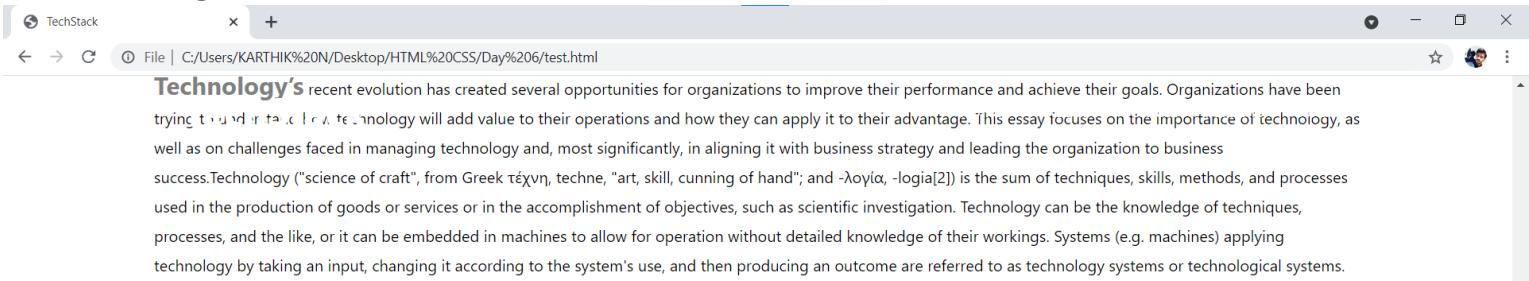
.high_title
{
    font-size: 60px;
}

.high_desc
{
    font-size: 25px;
}

.highlights_container
{
    justify-content: space-between;
```

```
margin-left: 10px;  
margin-right: 10px;  
}
```

Creating a Quote Section:



200+
Amazing Projects **50+**
Happy Clients **500+**
Websites Launched **100+**
Applications Developed

Start working with us right now!

GET A QUOTE

```
<!--Get a Quote Section Starts Here-->  
    <div class="quote">  
        <div class="container quote_container">  
            <h1 class="quote_title">Start working with us right no  
w!</h1>  
            <p>  
                <button class="quote_btn">Get a Quote</button>  
            </p>  
        </div>  
    </div>  
<!--Get a Quote Section Starts Here-->
```

NOTE: This is only the part that was added to HTML and CSS files

```
/* CSS for Quotes */  
.quote  
{  
    padding-top: 50px;  
    padding-bottom: 50px;  
    width: 100%;  
    /* background-color: gray; */  
    display: flex;  
    justify-content: center;
```

```
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.quote_container
{
    flex-direction: column;
    align-items: center;
}

.quote_title
{
    font-size: 50px;
    margin-bottom: 20px;
}

.quote_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.quote_btn:hover
{
    background-color: white;
    color: #0771aa;
    font-size: 30px;
}
```

Creating Portfolio:

TechStack

File | C:/Users/KARTHIK%20N/Desktop/HTML%20CSS/Day%206/test.html

GET A QUOTE

Our Portfolio

Softwares

Robots

Researches

Space

Tourism

SkyCity

Security

Games

```
<!DOCTYPE html>
<html>
    <head>
        <title>TechStack</title>
        <link rel="stylesheet" href="test.css">
    </head>
    <body>

        <!--Header Section Starts Here-->
        <div class="header_section">
            <div class="container header_container">    <!--
            container and header_container are two different classes-->
                <div class="logo">
                    TechStack
                </div>
                <div class="nav">
                    <div class="nav-item">Home</div>
                    <div class="nav-item">About</div>
                    <div class="nav-item">Services</div>
                    <div class="nav-item">Portfolio</div>
                    <div class="nav-item">Contact</div>
                </div>
            </div>
        </div>
        <!--Header Section Ends Here-->
```

```
<!--Banner Section Starts Here-->
<div class="banner">
    <div class="overlay">
        <div class="banner_text">
            <div class="padd">
                <h1 class="banner_title">Build With Us</h1>
                <p>Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.</p>
                <p>
                    <button class="banner_btn">
                        Start Working
                    </button>
                </p>
            </div>
        </div>
    </div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development</h1>
                    <p class="service_desc">Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
<!--Services Section Ends Here-->
```

```
                </button>
            </p>
        </div>
    </div>

    <div class="service">
        <div class="service_img">
            
        </div>
        <div class="service_details">
            <div class="service_padd">
                <h1 class="service_title">Android App Deve
lopment</h1>
                <p class="service_desc">Android software d
evelopment is the process by which applications are created for device
s running the Android operating system. Google states that "Android ap
ps can be written using Kotlin, Java, and C++ languages" using the And
roid software development kit</p>
                <p>
                    <button class="service_btn">
                        View Service
                    </button>
                </p>
            </div>
        </div>
    </div>

    <div class="service">
        <div class="service_img">
            
        </div>
        <div class="service_details">
            <div class="service_padd">
                <h1 class="service_title">Machine Learning
</h1>
                <p class="service_desc">Machine learning i
s a method of data analysis that automates analytical model building.
It is a branch of artificial intelligence based on the idea that syste
```

```
ms can learn from data, identify patterns and make decisions with minimal human intervention.</p>
```

```
        <p>
            <button class="service_btn">
                View Service
            </button>
        </p>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Cybersecurity<h1>
            <p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

</div>
</div>
<!--Services Section Ends Here-->
```

```
<!--Who We Are Section Starts Here-->
```

```
<div class="about">
    <h1>Who Are We?</h1>
    <div class="container about_container">
```

Technology's recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an output are referred to as technology systems or technological systems.

</div>
</div>
<!--Who We Are Section Ends Here-->

<!--Highlights Section Starts Here-->
<div class="highlights">
 <div class="container highlights_container">
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">200+</h1>
 <p class="high_desc">Amazing Projects</p>
 </div>
 </div>
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">50+</h1>
 <p class="high_desc">Happy Clients</p>
 </div>
 </div>
 <div class="high_ele">
 <div class="high_ele_child">
 <h1 class="high_title">500+</h1>
 <p class="high_desc">Websites Launched</p>
 </div>
 </div>
 <div class="high_ele">

```
<div class="high_ele_child">
    <h1 class="high_title">100+</h1>
    <p class="high_desc">Applications Developed</p>
>
    </div>
</div>
</div>
</div>
<!--Highlights Section Ends Here-->

<!--Get a Quote Section Starts Here-->
<div class="quote">
    <div class="container quote_container">
        <h1 class="quote_title">Start working with us right no
w!</h1>
        <p>
            <button class="quote_btn">Get a Quote</button>
        </p>
    </div>
</div>
<!--Get a Quote Section Starts Here-->

<!--Portfolio Section Starts Here-->
<div class="portfolio">
    <h1>Our Portfolio</h1>
    <div class="container portfolio_container">
        <div class="project project_1">
            <div class="project_title">
                <h1>Softwares</h1>
            </div>
        </div>
        <div class="project project_2">
            <div class="project_title">
                <h1>Robots</h1>
            </div>
        </div>
        <div class="project project_3">
            <div class="project_title">
                <h1>Researches</h1>
            </div>
        </div>
        <div class="project project_4">
            <div class="project_title">
                <h1>Space</h1>
            </div>
        </div>
    </div>

```

```
        </div>
    </div>
    <div class="project project_5">
        <div class="project_title">
            <h1>Tourism</h1>
        </div>
    </div>
    <div class="project project_6">
        <div class="project_title">
            <h1>SkyCity</h1>
        </div>
    </div>
    <div class="project project_7">
        <div class="project_title">
            <h1>Security</h1>
        </div>
    </div>
    <div class="project project_8">
        <div class="project_title">
            <h1>Games</h1>
        </div>
    </div>
</div>
<!--Portfolio Section Ends Here-->

</body>
</html>
```

```
/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    /* background-color: #0771aa; */
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
```

```
    position: fixed; /* Make the header to stay at the fixed position
n*/
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    font-weight: bold;
    line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
}
```

```
/* font-size: 18px; */  
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
color: white;  
text-align: center;  
line-height: 70px;  
cursor: pointer; /*To get an hand symbol on going on texts*/  
transition: 0.75s;  
}  
  
/*Changing the color of text when cursor went on text - For Home,About  
,Services,Portfolio,Contact*/  
/*This can be done using hover for that class*/  
.nav-item:hover /*This is also called psuedo-  
class(Class which was already present and we make use of that)*/  
{  
    background-color: white;  
    color: #0771aa;  
}  
  
/*CSS for Banner*/  
.banner  
{  
    height: 680px;  
    width: 100%;  
    background-color: gray;  
    background-image: url('Images/banner.jpg');  
    background-  
size: cover; /*To automatically adjust the background image*/  
}  
  
.overlay  
{  
    height: 680px;  
    width: 100%;  
    background-  
color: rgba(0,0,0,0.5); /*a - alpha: To give transparentct and value li  
es between 0 and 1*/  
    display: flex;  
    align-items: center;  
}  
  
.banner_text  
{
```

```
height: 350px;
width: 50%;
background-color: rgba(7,113,170,0.7);
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
display: flex;
align-items: center;
color: white;
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}
```

```
/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
    background-color: #e7e3e3f6;
    display: flex;
    align-items: center;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
{
    margin-top: 50px;
    flex-wrap: wrap;
    justify-content: space-between;
}

.service
{
    height: 400px;
    width: 40%;
    background-color: white;
    display: flex;
    margin: 20px;
}

.service_img
{
    width: 40%;
    height: 400px;
    /* background-color: red; */
    display: flex;
    overflow: hidden; /*To hide the overflow image(came out of layout */
}/*
}
}

.service_details
{
    width: 60%;
    height: 400px;
```

```
/* background-color: green; */
display: flex;
align-items: center;
}

.service_padd
{
    padding: 20px;
}

.service_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}

/* CSS for About */
.about
{
    padding-top: 50px;
```

```
padding-bottom: 50px;
display: flex;
width: 100%;
flex-direction: column;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
align-items: center;
}

.about_container
{
margin-top: 30px;
display: inline;
line-height: 30px;
}

.start_text
{
font-size: 25px;
font-weight: bold;
color: gray;
}

/* CSS for Highlights */
.highlights
{
padding-top: 50px;
padding-bottom: 50px;
width: 100%;
background-color: rgba(7,113,170,1);
display: flex;
justify-content: center;
}

.high_ele
{
width: 25%;
height: 150px;
/* background-color: red; */
color: white;
display: flex;
justify-content: center;
align-items: center;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
    text-align: center;
}

.high_title
{
    font-size: 60px;
}

.high_desc
{
    font-size: 25px;
}

.highlights_container
{
    justify-content: space-between;
    margin-left: 10px;
    margin-right: 10px;
}

/* CSS for Quotes */
.quote
{
    padding-top: 50px;
    padding-bottom: 50px;
    width: 100%;
    /* background-color: gray; */
    display: flex;
    justify-content: center;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.quote_container
{
    flex-direction: column;
    align-items: center;
}

.quote_title
{
    font-size: 50px;
    margin-bottom: 20px;
}
```

```
.quote_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.quote_btn:hover
{
    background-color: white;
    color: #0771aa;
    font-size: 30px;
}

/* CSS for Portfolio */
.portfolio
{
    padding-top: 50px;
    /* padding-bottom: 50px; */
    width: 100%;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    background-color: #e7e3e3f6;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.portfolio_container
{
```

```
flex-wrap: wrap; /*To get the next element down if the width is complete  
d*/  
    margin-top: 30px;  
    width: 100%; /*Make the container to cover full width*/  
}  
  
.project  
{  
    width: 25%;  
    height: 250px;  
    background-color: red;  
    display: flex;  
}  
  
.project_title  
{  
    color: white;  
    width: 100%;  
    height: 125px;  
    text-indent: 30px;  
    text-align: left;  
    font-size: 15px;  
    line-height: 150px;  
    background-color: rgba(7,113,170,0.5);  
    cursor: pointer;  
    transition: 0.7s;  
}  
  
.project_title:hover  
{  
    height: 250px;  
}  
  
.project_1  
{  
    background-  
image: url('https://images.pexels.com/photos/3184463/pexels-photo-  
3184463.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');  
    background-size: cover;  
}  
  
.project_2  
{
```

```
background-
image: url('https://images.pexels.com/photos/2599244/pexels-photo-2599244.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
align-items: flex-
end; /*This makes the project title to go down*/
}

.project_3
{
    background-
image: url('https://images.pexels.com/photos/256219/pexels-photo-256219.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_4
{
    background-
image: url('https://images.pexels.com/photos/586098/pexels-photo-586098.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-end;
}

.project_5
{
    background-
image: url('https://images.pexels.com/photos/206359/pexels-photo-206359.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_6
{
    background-
image: url('https://images.pexels.com/photos/325185/pexels-photo-325185.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-end;
}

.project_7
{
```

```

background-
image: url('https://images.pexels.com/photos/3861969/pexels-photo-3861969.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
}

.project_8
{
    background-
image: url('https://images.pexels.com/photos/682933/pexels-photo-682933.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
align-items: flex-end;
}

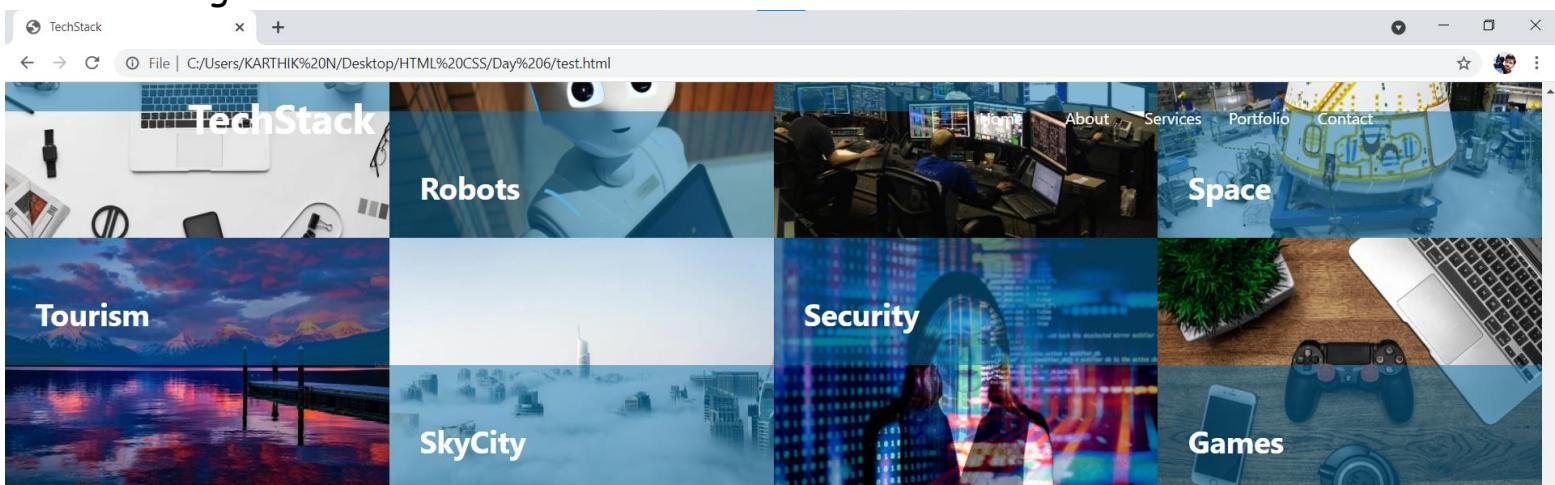
```

NOTE: Sometimes due to overflow of elements, the transition or element may start to flicker. So, in order to overcome that we use overflow property with value as hidden.

overflow: hidden;

Tip: <https://www.iconfinder.com/> free icons downloading site

Creating Footer:



TechStack

Quick Links

- [Home](#)
- [Services](#)
- [About](#)
- [Portfolio](#)
- [Contact](#)

Contact Us

14th Street, Plot 280, Washington, USA
info@techstack.com
 9856451234



```
<!DOCTYPE html>
<html>
  <head>
    <title>TechStack</title>
    <link rel="stylesheet" href="test.css">
  </head>
  <body>

    <!--Header Section Starts Here-->
    <div class="header_section">
      <div class="container header_container"> <!--
      container and header_container are two different classes-->
        <div class="logo">
          TechStack
        </div>
        <div class="nav">
          <div class="nav-item">Home</div>
          <div class="nav-item">About</div>
          <div class="nav-item">Services</div>
          <div class="nav-item">Portfolio</div>
          <div class="nav-item">Contact</div>
        </div>
      </div>
    </div>
    <!--Header Section Ends Here-->

    <!--Banner Section Starts Here-->
    <div class="banner">
      <div class="overlay">
        <div class="banner_text">
          <div class="padd">
            <h1 class="banner_title">Build With Us</h1>
            <p>Technology is the sum of techniques, skills
            , methods, and processes used in the production of goods or services
            or in the accomplishment of objectives, such as scientific investigation.
            Technology has many effects.</p>
            <p>
              <button class="banner_btn">
                Start Working
              </button>
            </p>
          </div>
        </div>
      </div>
    </div>
```

```
</div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development</h1>
                    <p class="service_desc">Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Android App Development</h1>
                    <p class="service_desc">Android software development is the process by which applications are created for device
```

s running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit</p>

```
<p>
    <button class="service_btn">
        View Service
    </button>
</p>
</div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Machine Learning</h1>
            <p class="service_desc">Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
```

```
<h1 class="service_title">Cybersecurity</h1>
<p class="service_desc">Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.</p>
<p>
    <button class="service_btn">
        View Service
    </button>
</p>
</div>
</div>
</div>

</div>
</div>
<!--Services Section Ends Here-->

<!--Who We Are Section Starts Here-->
<div class="about">
    <h1>Who Are We?</h1>
    <div class="container about_container">
        <span class="start_text">Technology's</span> recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an output are referred to as technology systems or technological systems.
    </div>
</div>
```

```
<!--Who We Are Section Ends Here-->

<!--Highlights Section Starts Here-->


<div class="container highlights_container">
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">200+</h1>
                <p class="high_desc">Amazing Projects</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">50+</h1>
                <p class="high_desc">Happy Clients</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">500+</h1>
                <p class="high_desc">Websites Launched</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">100+</h1>
                <p class="high_desc">Applications Developed</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">100+</h1>
                <p class="high_desc">Applications Developed</p>
            </div>
        </div>
    </div>
<!--Highlights Section Ends Here-->

<!--Get a Quote Section Starts Here-->


<div class="container quote_container">
        <h1 class="quote_title">Start working with us right now!</h1>
        <p>
            <button class="quote_btn">Get a Quote</button>
        </p>
    </div>


```

```
<!--Get a Quote Section Starts Here-->

<!--Portfolio Section Starts Here-->


<h1>Our Portfolio</h1>
    <div class="container portfolio_container">
        <div class="project project_1">
            <div class="project_title">
                <h1>Softwares</h1>
            </div>
        </div>
        <div class="project project_2">
            <div class="project_title">
                <h1>Robots</h1>
            </div>
        </div>
        <div class="project project_3">
            <div class="project_title">
                <h1>Researches</h1>
            </div>
        </div>
        <div class="project project_4">
            <div class="project_title">
                <h1>Space</h1>
            </div>
        </div>
        <div class="project project_5">
            <div class="project_title">
                <h1>Tourism</h1>
            </div>
        </div>
        <div class="project project_6">
            <div class="project_title">
                <h1>SkyCity</h1>
            </div>
        </div>
        <div class="project project_7">
            <div class="project_title">
                <h1>Security</h1>
            </div>
        </div>
        <div class="project project_8">
            <div class="project_title">
                <h1>Games</h1>
            </div>
        </div>
    </div>


```

```
        </div>
    </div>
</div>
<!--Portfolio Section Ends Here-->

<!--Footer Section Starts Here-->
<div class="footer">
    <div class="container footer_container">
        <div class="footer_child footer_child_1">
            <h1>TechStack</h1>
        </div>
        <div class="footer_child">
            <ul>
                <li class="first">Quick Links</li>
                <li>Home</li>
                <li>Services</li>
                <li>About</li>
                <li>Portfolio</li>
                <li>Contact</li>
            </ul>
        </div>
        <div class="footer_child">
            <ul>
                <li class="first">Contact Us</li>
                <li>14th Street, Plot 280, Washington, USA</li>
            </ul>
            <ul>
                <li>info@techstack.com</li>
                <li>9856451234</li>
            </ul>
        </div>
        <div class="footer_child footer_child_4">
            <div class="container social_container">
                <div class="social_icon si1"></div>
                <div class="social_icon si2"></div>
                <div class="social_icon si3"></div>
                <div class="social_icon si4"></div>
                <div class="social_icon si5"></div>
            </div>
        </div>
    </div>
</div>
<!--Footer Section Ends Here-->
```

```
</body>
</html>

/*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{
    /* background-color: #0771aa; */
    height: 70px;
    width: 100%;
    display: flex;
    justify-content: center;
    position: fixed;    /* Make the header to stay at the fixed position
}
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
    width: 80%;
    /* height: 70px; */
    /* background-color: #e20000; */
    display: flex;
}

.header_container
{
    justify-content: space-between;
}

.logo
{
    width: 20%;
    height: 70px;
    /* background-color: #d8d51e; */
    color: white;
    font-size: 40px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
text-align: center;
font-weight: bold;
line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
    height: 70px;
    width: 35%;
    /* background-color: green; */
    display: flex;
}

.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
    transition: 0.75s;
}

/*Changing the color of text when cursor went on text - For Home,About
,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-
class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 680px;
    width: 100%;
    background-color: gray;
```

```
background-image: url('Images/banner.jpg');
background-
size: cover; /*To automatically adjust the background image*/
}

.overlay
{
    height: 680px;
    width: 100%;
    background-
color: rgba(0,0,0,0.5); /*a - alpha: To give transparentct and value li
es between 0 and 1*/
    display: flex;
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
```

```
padding-top: 15px;
padding-bottom: 15px;
text-transform: uppercase;
background-color: transparent;
color: white;
font-weight: bold;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
border: 5px solid white;
cursor: pointer;
transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
{
    background-color: white;
    color: #0771aa;
}

/* CSS for Services */
.services
{
    /* No height given because to make it grow based on children */
    padding-top: 50px;
    padding-bottom: 50px;
    background-color: #e7e3e3f6;
    display: flex;
    align-items: center;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.services_container
{
    margin-top: 50px;
    flex-wrap: wrap;
    justify-content: space-between;
}

.service
{
    height: 400px;
    width: 40%;
```

```
background-color: white;
display: flex;
margin: 20px;
}

.service_img
{
    width: 40%;
    height: 400px;
    /* background-color: red; */
    display: flex;
    overflow: hidden; /*To hide the overflown image(came out of layout
) */
}

.service_details
{
    width: 60%;
    height: 400px;
    /* background-color: green; */
    display: flex;
    align-items: center;
}

.service_padd
{
    padding: 20px;
}

.service_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}
```

```
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}

/* CSS for About */
.about
{
    padding-top: 50px;
    padding-bottom: 50px;
    display: flex;
    width: 100%;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    align-items: center;
}

.about_container
{
    margin-top: 30px;
    display: inline;
    line-height: 30px;
}

.start_text
{
    font-size: 25px;
    font-weight: bold;
    color: gray;
}

/* CSS for Highlights */
.highlights
```

```
{  
    padding-top: 50px;  
    padding-bottom: 50px;  
    width: 100%;  
    background-color: rgba(7,113,170,1);  
    display: flex;  
    justify-content: center;  
}  
  
.high_ele  
{  
    width: 25%;  
    height: 150px;  
    /* background-color: red; */  
    color: white;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    text-align: center;  
}  
  
.high_title  
{  
    font-size: 60px;  
}  
  
.high_desc  
{  
    font-size: 25px;  
}  
  
.highlights_container  
{  
    justify-content: space-between;  
    margin-left: 10px;  
    margin-right: 10px;  
}  
  
/* CSS for Quotes */  
.quote  
{  
    padding-top: 50px;
```

```
padding-bottom: 50px;
width: 100%;
/* background-color: gray; */
display: flex;
justify-content: center;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.quote_container
{
    flex-direction: column;
    align-items: center;
}

.quote_title
{
    font-size: 50px;
    margin-bottom: 20px;
}

.quote_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.quote_btn:hover
{
    background-color: white;
    color: #0771aa;
    font-size: 30px;
}
```

```
/* CSS for Portfolio */
.portfolio
{
    padding-top: 50px;
    /* padding-bottom: 50px; */
    width: 100%;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    background-color: #e7e3e3f6;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.portfolio_container
{
    flex-wrap: wrap;      /*To get the next element down if the width if complete
d*/
    margin-top: 30px;
    width: 100%; /*Make the container to cover full width*/
}

.project
{
    width: 25%;
    height: 250px;
    background-color: red;
    display: flex;
    overflow: hidden; /*If there is any overflow of elements in layout we can hide that using this property*/
}

.project_title
{
    color: white;
    width: 100%;
    height: 125px;
    text-indent: 30px;
    text-align: left;
    font-size: 15px;
    line-height: 150px;
    background-color: rgba(7,113,170,0.5);
    cursor: pointer;
}
```

```
    transition: 0.7s;
}

.project_title:hover
{
    height: 250px;
}

.project_1
{
    background-
image: url('https://images.pexels.com/photos/3184463/pexels-photo-3184463.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_2
{
    background-
image: url('https://images.pexels.com/photos/2599244/pexels-photo-2599244.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-
end; /*This makes the project title to go down*/
}

.project_3
{
    background-
image: url('https://images.pexels.com/photos/256219/pexels-photo-256219.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_4
{
    background-
image: url('https://images.pexels.com/photos/586098/pexels-photo-586098.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-end;
}

.project_5
```

```
{  
    background-  
image: url('https://images.pexels.com/photos/206359/pexels-photo-  
206359.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');  
    background-size: cover;  
}  
  
.project_6  
{  
    background-  
image: url('https://images.pexels.com/photos/325185/pexels-photo-  
325185.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');  
    background-size: cover;  
    align-items: flex-end;  
}  
  
.project_7  
{  
    background-  
image: url('https://images.pexels.com/photos/3861969/pexels-photo-  
3861969.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');  
    background-size: cover;  
}  
  
.project_8  
{  
    background-  
image: url('https://images.pexels.com/photos/682933/pexels-photo-  
682933.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');  
    background-size: cover;  
    align-items: flex-end;  
}  
  
/* CSS for Footer */  
.footer  
{  
    padding-top: 50px;  
    padding-bottom: 100px;  
    background-color: black;  
    display: flex;  
    justify-content: center;  
}
```

```
.footer_child
{
    height: 200px;
    width: 25%;
    /* background-color: gray; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    justify-content: center;
}

.footer_child_1
{
    color: white;
    font-size: 25px;
    align-items: center;
}

ul
{
    margin-top: 40px;
}

li
{
    list-style-type: none; /*To remove the bullets in list*/
    margin-bottom: 10px;
    color: white;
}

.first
{
    font-size: 22px;
}

.footer_child_4
{
    display: flex;
    justify-content: center;
    align-items: center;
}

.social_container
{
    width: 75%;
```

```
justify-content: space-between;
}

.social_icon
{
    height: 40px;
    width: 40px;
    /* background-color: white; */
    cursor: pointer;
}

.si1
{
    background-image: url('./Icons/google.png');
    background-size: cover;
}

.si2
{
    background-image: url('./Icons/twitter.png');
    background-size: cover;
}

.si3
{
    background-image: url('./Icons/facebook.png');
    background-size: cover;
}

.si4
{
    background-image: url('./Icons/instagram.png');
    background-size: cover;
}

.si5
{
    background-image: url('./Icons/linkedin.png');
    background-size: cover;
}
```

NOTE: In browser console, window.pageYOffset returns the scrolling value of the mouse.

Changing the color of the header on scrolling down:

Add id="header" to the first div of header section, and add the script at the end inside body

```
<script>
    window.onscroll = function()
    {
        if(window.pageYOffset>10)
        {
            document.getElementById('header').style.backgroundColor="black"
        }
        else
        {
            document.getElementById('header').style.backgroundColor="transparent"
        }
    }
</script>
```

Final Project:

TechStack

Build With Us

Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.

START WORKING

Home About Services Portfolio Contact

TechStack

Build With Us

Technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology has many effects.

START WORKING

What we do?

TechStack

What we do?

Web Development

Web design refers to the design of websites that are displayed on the internet. It usually refers to the user experience aspects of website development rather than software development. Web design used to be focused on designing websites for desktop browsers.

[VIEW SERVICE](#)

Android App Development

Android software development is the process by which applications are created for devices running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit.

[VIEW SERVICE](#)

Machine Learning

Cybersecurity

Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks.

Home About Services Portfolio Contact

TechStack

be focused on designing websites for desktop browsers.

VIEW SERVICE

languages" using the Android software development kit

VIEW SERVICE

Machine Learning

Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

Cybersecurity

Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.

VIEW SERVICE

TechStack

Home About Services Portfolio Contact

Who Are We?

Technology's recent evolution has created several opportunities for organizations to improve their performance and achieve their goals. Organizations have been trying to understand how technology will add value to their operations and how they can apply it to their advantage. This essay focuses on the importance of technology, as well as on challenges faced in managing technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -logia[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an outcome are referred to as technology systems or technological systems.

200+
Amazing Projects

50+
Happy Clients

500+
Websites Launched

100+
Applications Developed

TechStack

Home About Services Portfolio Contact

Start working with us right now!

GET A QUOTE

Our Portfolio

Softwares

Robots

Researches

Space

Tourism

SkyCity

Security

Games

TechStack

Our Portfolio

Softwares

Robots

Researches

Space

Tourism

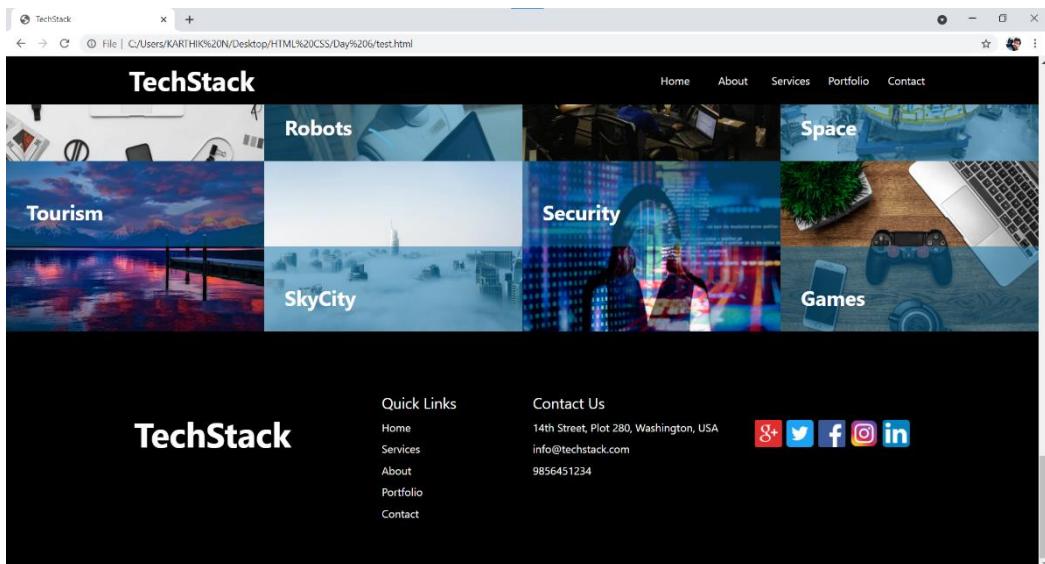
SkyCity

Security

Games

Quick Links

Contact Us



```
<!DOCTYPE html>
<html>
    <head>
        <title>TechStack</title>
        <link rel="stylesheet" href="test.css"/>
        <link rel="icon" href="favicon.png"/>
    </head>
    <body>

        <!--Header Section Starts Here-->
        <div class="header_section" id="header">
            <div class="container header_container"> <!--
            container and header_container are two different classes-->
                <div class="logo">
                    TechStack
                </div>
                <div class="nav">
                    <div class="nav-item">Home</div>
                    <div class="nav-item">About</div>
                    <div class="nav-item">Services</div>
                    <div class="nav-item">Portfolio</div>
                    <div class="nav-item">Contact</div>
                </div>
            </div>
        </div>
        <!--Header Section Ends Here-->

        <!--Banner Section Starts Here-->
        <div class="banner">
            <div class="overlay">
                <div class="banner_text">
```

```
<div class="padd">
    <h1 class="banner_title">Build With Us</h1>
    <p>Technology is the sum of techniques, skills
, methods, and processes used in the production of goods or services o
r in the accomplishment of objectives, such as scientific investigatio
n. Technology has many effects.</p>
    <p>
        <button class="banner_btn">
            Start Working
        </button>
    </p>
</div>
</div>
</div>
<!--Banner Section Ends Here-->

<!--Services Section Starts Here-->
<div class="services">
    <h1>What we do?</h1>
    <div class="container services_container">

        <div class="service">
            <div class="service_img">
                
            </div>
            <div class="service_details">
                <div class="service_padd">
                    <h1 class="service_title">Web Development<
/h1>
                    <p class="service_desc">Web design refers
to the design of websites that are displayed on the internet. It usual
ly refers to the user experience aspects of website development rather
than software development. Web design used to be focused on designing
websites for desktop browsers.</p>
                    <p>
                        <button class="service_btn">
                            View Service
                        </button>
                    </p>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Android App Development</h1>
            <p class="service_desc">Android software development is the process by which applications are created for devices running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>

<div class="service">
    <div class="service_img">
        
    </div>
    <div class="service_details">
        <div class="service_padd">
            <h1 class="service_title">Machine Learning</h1>
            <p class="service_desc">Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p>
            <p>
                <button class="service_btn">
                    View Service
                </button>
            </p>
        </div>
    </div>
</div>
```

```
                </button>
            </p>
        </div>
    </div>

    <div class="service">
        <div class="service_img">
            
        </div>
        <div class="service_details">
            <div class="service_padd">
                <h1 class="service_title">Cybersecurity</h
1>
                <p class="service_desc">Cybersecurity is t
he practice of protecting systems, networks, and programs from digital
attacks. These cyberattacks are usually aimed at accessing, changing,
or destroying sensitive information; extorting money from users; or i
nterrupting normal business processes.</p>
                <p>
                    <button class="service_btn">
                        View Service
                    </button>
                </p>
            </div>
        </div>
    </div>

    </div>
</div>
<!--Services Section Ends Here-->

<!--Who We Are Section Starts Here-->
<div class="about">
    <h1>Who Are We?</h1>
    <div class="container about_container">
        <span class="start_text">Technology's</span> recent ev
olution has created several opportunities for organizations to improve
their performance and achieve their goals. Organizations have been tr
ying to understand how technology will add value to their operations a
nd how they can apply it to their advantage. This essay focuses on the
importance of technology, as well as on challenges faced in managing
```

technology and, most significantly, in aligning it with business strategy and leading the organization to business success. Technology ("science of craft", from Greek τέχνη, techne, "art, skill, cunning of hand"; and -λογία, -

λογία[2]) is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then producing an output are referred to as technology systems or technological systems.

```
</div>
</div>
<!--Who We Are Section Ends Here-->

<!--Highlights Section Starts Here-->
<div class="highlights">
    <div class="container highlights_container">
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">200+</h1>
                <p class="high_desc">Amazing Projects</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">50+</h1>
                <p class="high_desc">Happy Clients</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">500+</h1>
                <p class="high_desc">Websites Launched</p>
            </div>
        </div>
        <div class="high_ele">
            <div class="high_ele_child">
                <h1 class="high_title">100+</h1>
                <p class="high_desc">Applications Developed</p>
            </div>
        </div>
    </div>
```

```
</div>
</div>
<!--Highlights Section Ends Here-->

<!--Get a Quote Section Starts Here-->
<div class="quote">
    <div class="container quote_container">
        <h1 class="quote_title">Start working with us right no
w!</h1>
        <p>
            <button class="quote_btn">Get a Quote</button>
        </p>
    </div>
</div>
<!--Get a Quote Section Starts Here-->

<!--Portfolio Section Starts Here-->
<div class="portfolio">
    <h1>Our Portfolio</h1>
    <div class="container portfolio_container">
        <div class="project project_1">
            <div class="project_title">
                <h1>Softwares</h1>
            </div>
        </div>
        <div class="project project_2">
            <div class="project_title">
                <h1>Robots</h1>
            </div>
        </div>
        <div class="project project_3">
            <div class="project_title">
                <h1>Researches</h1>
            </div>
        </div>
        <div class="project project_4">
            <div class="project_title">
                <h1>Space</h1>
            </div>
        </div>
        <div class="project project_5">
            <div class="project_title">
                <h1>Tourism</h1>
            </div>
        </div>
    </div>

```

```
</div>
<div class="project project_6">
    <div class="project_title">
        <h1>SkyCity</h1>
    </div>
</div>
<div class="project project_7">
    <div class="project_title">
        <h1>Security</h1>
    </div>
</div>
<div class="project project_8">
    <div class="project_title">
        <h1>Games</h1>
    </div>
</div>
</div>
</div>
<!--Portfolio Section Ends Here-->

<!--Footer Section Starts Here-->
<div class="footer">
    <div class="container footer_container">
        <div class="footer_child footer_child_1">
            <h1>TechStack</h1>
        </div>
        <div class="footer_child">
            <ul>
                <li class="first">Quick Links</li>
                <li>Home</li>
                <li>Services</li>
                <li>About</li>
                <li>Portfolio</li>
                <li>Contact</li>
            </ul>
        </div>
        <div class="footer_child">
            <ul>
                <li class="first">Contact Us</li>
                <li>14th Street, Plot 280, Washington, USA</li>
            </ul>
            <ul>
                <li>info@techstack.com</li>
                <li>9856451234</li>
            </ul>
        </div>
    </div>
</div>
```

```

        </div>
        <div class="footer_child footer_child_4">
            <div class="container social_container">
                <div class="social_icon si1"></div>
                <div class="social_icon si2"></div>
                <div class="social_icon si3"></div>
                <div class="social_icon si4"></div>
                <div class="social_icon si5"></div>
            </div>
        </div>
    </div>
<!--Footer Section Ends Here-->

<!--Script to change the color of header on scrolling-->
<script>
    window.onscroll = function()
    {
        if(window.pageYOffset>10)
        {
            document.getElementById('header').style.backgroundColor="black"
        }
        else
        {
            document.getElementById('header').style.backgroundColor="transparent"
        }
    }
</script>

</body>
</html>

```

```

*
{
    margin: 0px;
    padding: 0px;
}

/* CSS for header */
.header_section
{

```

```
/* background-color: #0771aa; */
height: 70px;
width: 100%;
display: flex;
justify-content: center;
position: fixed; /* Make the header to stay at the fixed position
*/
}

.container /*Two classes because we use container for many other but
not the properties of header_container*/
{
width: 80%;
/* height: 70px; */
/* background-color: #e20000; */
display: flex;
}

.header_container
{
justify-content: space-between;
}

.logo
{
width: 20%;
height: 70px;
/* background-color: #d8d51e; */
color: white;
font-size: 40px;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
text-align: center;
font-weight: bold;
line-height: 70px; /*To the text come to center on the height*/
}

.nav
{
height: 70px;
width: 35%;
/* background-color: green; */
display: flex;
}
```

```
.nav-item
{
    width: 20%;
    height: 70px;
    /* background-color: gray; */
    /* font-size: 18px; */
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: white;
    text-align: center;
    line-height: 70px;
    cursor: pointer; /*To get an hand symbol on going on texts*/
    transition: 0.75s;
}

/*Changing the color of text when cursor went on text - For Home,About
,Services,Portfolio,Contact*/
/*This can be done using hover for that class*/
.nav-item:hover /*This is also called psuedo-
class(Class which was already present and we make use of that)*/
{
    background-color: white;
    color: #0771aa;
}

/*CSS for Banner*/
.banner
{
    height: 680px;
    width: 100%;
    background-color: gray;
    background-image: url('Images/banner.jpg');
    background-
    size: cover; /*To automatically adjust the background image*/
}

.overlay
{
    height: 680px;
    width: 100%;
    background-
    color: rgba(0,0,0,0.5); /*a - alpha: To give transparentct and value li
es between 0 and 1*/
    display: flex;
```

```
    align-items: center;
}

.banner_text
{
    height: 350px;
    width: 50%;
    background-color: rgba(7,113,170,0.7);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    display: flex;
    align-items: center;
    color: white;
}

.padd
{
    padding: 20px;
    text-align: center;
}

.banner_title
{
    font-size: 50px;
    margin-bottom: 15px;
}

.banner_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: transparent;
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: 5px solid white;
    cursor: pointer;
    transition: 2s; /*Time to make the changes over hover*/
}

.banner_btn:hover
```

```
{  
    background-color: white;  
    color: #0771aa;  
}  
  
/* CSS for Services */  
.services  
{  
    /* No height given because to make it grow based on children */  
    padding-top: 50px;  
    padding-bottom: 50px;  
    background-color: #e7e3e3f6;  
    display: flex;  
    align-items: center;  
    flex-direction: column;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
  
.services_container  
{  
    margin-top: 50px;  
    flex-wrap: wrap;  
    justify-content: space-between;  
}  
  
.service  
{  
    height: 400px;  
    width: 40%;  
    background-color: white;  
    display: flex;  
    margin: 20px;  
}  
  
.service_img  
{  
    width: 40%;  
    height: 400px;  
    /* background-color: red; */  
    display: flex;  
    overflow: hidden; /*To hide the overflown image(came out of layout  
    )*/
```

```
}

.service_details
{
    width: 60%;
    height: 400px;
    /* background-color: green; */
    display: flex;
    align-items: center;
}

.service_padd
{
    padding: 20px;
}

.service_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.service_title
{
    margin-bottom: 15px;
    text-align: left;
}

.service_desc
{
    margin-bottom: 30px;
    text-align: left;
}
```

```
/* CSS for About */
.about
{
    padding-top: 50px;
    padding-bottom: 50px;
    display: flex;
    width: 100%;
    flex-direction: column;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    align-items: center;
}

.about_container
{
    margin-top: 30px;
    display: inline;
    line-height: 30px;
}

.start_text
{
    font-size: 25px;
    font-weight: bold;
    color: gray;
}

/* CSS for Highlights */
.highlights
{
    padding-top: 50px;
    padding-bottom: 50px;
    width: 100%;
    background-color: rgba(7,113,170,1);
    display: flex;
    justify-content: center;
}

.high_ele
{
    width: 25%;
    height: 150px;
```

```
/* background-color: red; */
color: white;
display: flex;
justify-content: center;
align-items: center;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
text-align: center;
}

.high_title
{
    font-size: 60px;
}

.high_desc
{
    font-size: 25px;
}

.highlights_container
{
    justify-content: space-between;
    margin-left: 10px;
    margin-right: 10px;
}

/* CSS for Quotes */
.quote
{
    padding-top: 50px;
    padding-bottom: 50px;
    width: 100%;
    /* background-color: gray; */
    display: flex;
    justify-content: center;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.quote_container
{
    flex-direction: column;
    align-items: center;
}
```

```
.quote_title
{
    font-size: 50px;
    margin-bottom: 20px;
}

.quote_btn
{
    margin-top: 15px;
    padding-left: 40px;
    padding-right: 40px;
    padding-top: 15px;
    padding-bottom: 15px;
    text-transform: uppercase;
    background-color: rgba(7,113,170,1);
    color: white;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    border: none;
    cursor: pointer;
    transition: 2s;
}

.quote_btn:hover
{
    background-color: white;
    color: #0771aa;
    font-size: 30px;
}

/* CSS for Portfolio */
.portfolio
{
    padding-top: 50px;
    /* padding-bottom: 50px; */
    width: 100%;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    background-color: #e7e3e3f6;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
}

.portfolio_container
{
    flex-
wrap: wrap; /*To get the next element down if the width if complete
d*/
    margin-top: 30px;
    width: 100%; /*Make the container to cover full width*/
}

.project
{
    width: 25%;
    height: 250px;
    background-color: red;
    display: flex;
    overflow: hidden; /*If there is any overflow of elements in layo
ut we can hide that using this property*/
}

.project_title
{
    color: white;
    width: 100%;
    height: 125px;
    text-indent: 30px;
    text-align: left;
    font-size: 15px;
    line-height: 150px;
    background-color: rgba(7,113,170,0.5);
    cursor: pointer;
    transition: 0.7s;
}

.project_title:hover
{
    height: 250px;
}

.project_1
{
```

```
background-
image: url('https://images.pexels.com/photos/3184463/pexels-photo-3184463.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
}

.project_2
{
    background-
image: url('https://images.pexels.com/photos/2599244/pexels-photo-2599244.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-
end; /*This makes the project title to go down*/
}

.project_3
{
    background-
image: url('https://images.pexels.com/photos/256219/pexels-photo-256219.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_4
{
    background-
image: url('https://images.pexels.com/photos/586098/pexels-photo-586098.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
    align-items: flex-end;
}

.project_5
{
    background-
image: url('https://images.pexels.com/photos/206359/pexels-photo-206359.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
    background-size: cover;
}

.project_6
{
```

```
background-
image: url('https://images.pexels.com/photos/325185/pexels-photo-325185.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
align-items: flex-end;
}

.project_7
{
background-
image: url('https://images.pexels.com/photos/3861969/pexels-photo-3861969.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
}

.project_8
{
background-
image: url('https://images.pexels.com/photos/682933/pexels-photo-682933.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');
background-size: cover;
align-items: flex-end;
}

/* CSS for Footer */
.footer
{
padding-top: 50px;
padding-bottom: 100px;
background-color: black;
display: flex;
justify-content: center;
}

.footer_child
{
height: 200px;
width: 25%;
/* background-color: gray; */
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
display: flex;
justify-content: center;
}
```

```
.footer_child_1
{
    color: white;
    font-size: 25px;
    align-items: center;
}

ul
{
    margin-top: 40px;
}

li
{
    list-style-type: none; /*To remove the bullets in list*/
    margin-bottom: 10px;
    color: white;
}

.first
{
    font-size: 22px;
}

.footer_child_4
{
    display: flex;
    justify-content: center;
    align-items: center;
}

.social_container
{
    width: 75%;
    justify-content: space-between;
}

.social_icon
{
    height: 40px;
    width: 40px;
    /* background-color: white; */
    cursor: pointer;
}
```

```
}

.si1
{
    background-image: url('./Icons/google.png');
    background-size: cover;
}

.si2
{
    background-image: url('./Icons/twitter.png');
    background-size: cover;
}

.si3
{
    background-image: url('./Icons/facebook.png');
    background-size: cover;
}

.si4
{
    background-image: url('./Icons/instagram.png');
    background-size: cover;
}

.si5
{
    background-image: url('./Icons/linkedin.png');
    background-size: cover;
}
```