**HTML**

1. The html (Hyper Text Mark Up Language) in the website is used for making the structure and layout in the website
2. The CSS (Cascading Style Sheet) is used for making style in the website
3. JS (Java Script) is used for defining the logic of the website
4. Always use the index.html as the home page
5. We can also make the text align by the help of the align attribute
6. We can use the required attribute to make the field required and it gives the response if any thing is not written
7. For comment in html we write <!--This is a comment-->
8. For giving the link to another website or web-page the anchor tag is used

<a href=”http://www.google.com/”>Google</a>

1. The <br/> tag is used to make the content to the other line
2. In anchor tag there are two types of the link
   1. Relative Link
   2. Absolute Link
3. In the relative link there are two types of the link :
   1. In the same folder of the index.html (/hello.html)
   2. In the other or inner folder of the index.html (folder/hello.html)
4. For getting the image in the website, we use the image tag as follow :

<img src=”<image-url>” alt=”Random Image” height=”100”>

🡪Here the alt, height, width, etc are the attributes

🡪The alt attribute is used to print the statement instead of the image, when the image is un-available

🡪It is advised to use the any one of the tag height or width at a time, to maintain the ratio of the image

🡪It is also advised to use CSS for the image size and the colour and the size of the font

1. In html we can use the one tag in the other tag but there is only one exception of the <br/> which is an empty tag
2. In html there also exist the tags like <u>…</u>, <b>…</b>,<i>…</i>
3. <big>…</big> shows the big text and the <small>…</small> shows the small text
4. By the help of the <hr/> tag one can get the horizontal ruler like thing thing to seprate the two contents
5. In html we can also use the <sub>…</sub> and <sup>…</sup> tags for making the word or alphabet some what slight upwards or downwords :

h<sub>2</sub>o and 3<sup>2</sup>=9

1. HTML by default does not count the next line and the space in the code
2. When we want the space and the next line that we have written in the code than for that purpose we use the <pre>…</pre> tag and due to which it starts counting it
3. While designing the webpage or wesite we should take care that we mention the header, main, footer tag right way in the whole page and write the relative tag in it due to which the rating of the page or website in SCO increases
4. Inside the main tag we can use the following tags for making the website systematic

Section Tag 🡺For a section on your page

<section>

Article Tag 🡺For an article on your page

<article>

Aside Tag 🡺For content aside main content (ads)

<aside>

1. For opening the new tab while clicking the link the following code is been used :

Main code for opening the new tabe

<a href=<http://google.com> target=”\_main”>Google</a>

1. For making the image clickable and giving respond to it :

<a href=”http://google.com”><img src=”link”></a>

1. div tag acts as the container in the html website
2. For setting the background in the website we have to add the background attribute in the body tag
3. There are two types of the list :
   1. Unordered List
   2. Ordered List

Unordered List Ordered List

<ol>

<li>Apple</li>

<li>Mango</li>

</ol>

<ul>

<li>Apple</li>

<li>Apple</li>

</ul>

1. One can also make an list inside the existing list in html
2. The table can be maked in the html by the help of the table tag and some of the useful tags are :
   1. <tr>…</tr> 🡪Used to display table row
   2. <td>…</td> 🡪Used to display table data
   3. <th>…</th> 🡪Used to display table header
   4. <caption>…</caption> 🡪For printing the detail of table
   5. <thead>…</thead> 🡪To wrap table head
   6. <tbody>…</tbody> 🡪To wrap table body

Example of the code of the table :

<table>

<caption>Table is for example

</caption>

<tr>

<th>Name</th>

<th>Roll Number<th>

</tr>

<tr>

<td>Neel</td>

<td>12</td>

</tr>

<table>

1. The form can also be maded in the html by the help of the <form>…</form> tags
   1. In the form tag the attribute action is used to determine where to go after any action is made
   2. In form input can be maded by the help of the input tags like <input>…</input>
   3. In input tag the attribute type is used to define the type of input
   4. In input tag the attribute placeholder is used to define the placeholder text
   5. By the help of the attribute id we can make differentiate by the help of the unique number

Example :

<form action=”second.html”>

<input type=”text” name=”name” placeholder=”Enter Name Here”>

<input type=”password” name=”pass” placeholder=”Enter Password Here”>

<input type=”radio” value=”class X” name=”class” id=”id1”>class</input>

<input type=”radio” value=”class XI” name=”class” id=”id2”>class</input>

<input type=”submit”>

</form>

1. By making any attribute in the <div> tag we would be applying that effect to all the elements or tag in that div or group
2. We can make the check box and text-area by the help of the following code :

<input type=”checkbox” id=”101” name=”subject”>computer</input>

<input type=”textbox” id=”100” name=”text” placeholder=”here”>computer</input>

1. For getting the drop down box in which we have to make an selection the following code is used:

<select name=”city” id=”city”>

<option value=”Delhi”>Delhi<option>

<option value=”Mumbai”>Mumbai</option>

<option value=”Banglore”>Banglore</option>

</select>

1. The iframe tag is used to get the screen of any website or vedio to the website page and which is functional

🡪For youtube vedio we can get the iframe directly by going to the vedio and then click in share and there is the option of embade and it gives some text and when we put it in the body of the website it is done…

🡪The other way is to make some website functional on our website and it can be done by :

<iframe src=”http://en.wikipedia.org/wiki/India”></iframe>

1. For playing vedio from the downloaded or source folder we have to write the following code :

<video width=”560” height=”315” src=”/myVideo.mov” controls></video>

🡪We can use the following attributes :

1. Controls
2. Height
3. Width
4. Loop
5. Autoplay
6. If the herf is blank than use the # instead of link, so that any error does not come
7. The padding is used to give the space between the current element and the border of the other
8. The nav tag is used to make the navbar and the link is made inside it, the code for it is :

<body>

<header>

……………

</header>

<nav>

<a href=”#”>Home</a>

<a href=”#”>College Review</a>

<a href=”#”>Courses</a>

</nav>

<main>

……………..

</main>

</body>

1. For making the box like section and in it if we want to add the options then it can be done by the help of the fieldset tag and the code for gender selection via it is as follow :

<fieldset>

<legend>Gender</legend>

Male<input type=”button” name=”gender” id=”male” value=”M” required>

Female<input type=”button” name=”gender” id=”female” value=”F” required>

</fielset>

1.  this is called as the ham-burger
2. In jsx we can give the style to the tag by, example

**<img src=”map\_image.png” style={{width: ‘100%’}}></img>**

1. By the help of the <hr/> tag we can give the separator line between two contents
2. For making the value of any field equal to the ours value in the javascript we have to write the following code :

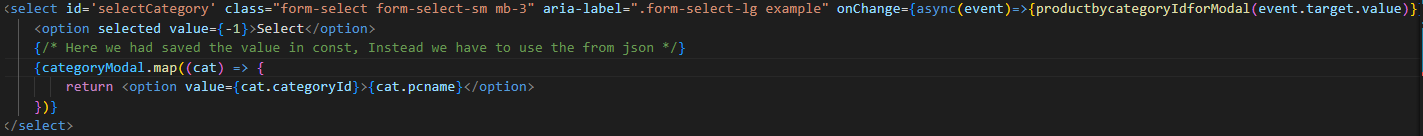
**document.getElementById(“<ELEMENT-ID>”).value=”<TO-BE-VALUE>”**

🡪Here the element Id is to be changed as per what field’s value we want to set

1. And for setting the value of an input field in the form, We have to use the following code:

**document.forms.<form-name>.<fieldName>.value=”<TO-BE-VALUE>”\**

1. We can get the value of the select options by the help of the following way :



1. For making the reload of the page we will use the following statement :

**window.location.reload();**