1. **Write an html program to create one web page to display the following:**
   1. **Text field to enter Name, Phone No, Email ID, Registration No.**
   2. **Radio button to enter gender (Male/Female), check boxes for hobbies like playing, travelling, reading books etc.**
   3. **2 drop down list for stream like B.Tech, M. Tech, MCA and for branch like CSE, ECE, ME, CIVIL etc.**
   4. **Text area to enter address.**
   5. **Html table to display your degree from Class X till last semester showing degree name, year of passing, grade/percentage in a tabular format.**

Code:

<html>

<head><title>Student</title></head>

<body>

<div align="center"><br/><br/>

<fieldset style="width:30%"><br/><br/><br/><br/><table border="0">

<tr><td><b>Name</b></td><td> <input type="text" name="name" placeholder="Enter name"></td></tr>

<tr><td><b>Email</b></td><td> <input type="email" name="email" placeholder="Enter email"></td></tr>

<tr><td><b>Phone\_No</b></td><td> <input type="number" name="phone" placeholder="Enter phone no."></td></tr>

<tr><td><b>Registration\_No</b></td><td> <input type="number" name="regis" placeholder="Enter registration no."></td></tr>

<tr><td><b>Address</b></td><td> <input type="varchar" name="add" placeholder="Enter address"></td></tr>

<tr><td><b>Gender</b></td><td><input type="radio" name="gen" value="Male">Male</input><input type="radio" name="gen" value="Female">Female</input><input type="radio" name="gen" value="Others">Others</input></td></tr>

<tr><td><b>Hobbies</b></td><td><input type="checkbox" name="hob" value="Playing">Playing</input><input type="checkbox" name="hob" value="Travelling">Travelling</input><input type="checkbox" name="hob" value="Reading">Reading</input><br></br><input type="checkbox" name="hob" value="Music">Music</input></td></tr>

<tr><td><b>Course</b></td><td><select><option value="1">--</option><option value="2">B.Tech</option><option value="3">M.Tech</option><option value="4">BCA</option><option value="5">MCA</option></select></td></tr>

<tr><td><b>Stream</b></td><td><select><option value="1">--</option><option value="2">CSE</option><option value="3">ECE</option><option value="4">ME</option><option value="5">EE</option><option value="6">CIVIL</option></select></td></tr>

<tr><td><b>Class 10</b></td><td> <input type="number" name="ten" placeholder="Enter percentage"></td></tr>

<tr><td><b>Class 12</b></td><td> <input type="number" name="twelve" placeholder="Enter percentage"></td></tr>

<tr><td><b>Graduation</b></td><td> <input type="number" name="grad" placeholder="Enter percentage"></td></tr>

<tr><td><b>Year of passing</b></td><td><select><option value="1">--</option><option value="2">2019</option><option value="3">2018</option><option value="4">2017</option><option value="5">2016</option></select></td></tr>

</body>

</html>

1. **Using the FORM tag of HTML create a registration form having the below mentioned fields:**
   1. **First Name (Using Text boxes)**
   2. **Last Name (Using Text boxes)**
   3. **Email Id (Using Text boxes)**
   4. **Gender (Using radio button)**
   5. **Hobbies (Using check boxes)**
   6. **Submit button and reset button.**

Code:

<html>

<head><title>Student</title></head>

<body>

<div align="center"><br/><br/>

<fieldset style="width:30%"><br/><br/><h2><legend>Registration Form</legend></h2><br/><br/>

<table border="0">

<form method="POST" action="#">

<tr><td><b>First Name</b></td><td> <input type="text" name="fname" placeholder="Enter first name"></td></tr>

<tr><td><b>Last Name</b></td><td> <input type="text" name="lname" placeholder="Enter last name"></td></tr>

<tr><td><b>Email</b></td><td> <input type="email" name="email" placeholder="Enter email"></td></tr>

<tr><td><b>Gender</b></td><td><input type="radio" name="gen" value="Male">Male</input><input type="radio" name="gen" value="Female">Female</input><input type="radio" name="gen" value="Others">Others</input></td></tr>

<tr><td><b>Hobbies</b></td><td><input type="checkbox" name="hob" value="Playing">Playing</input><input type="checkbox" name="hob" value="Travelling">Travelling</input><input type="checkbox" name="hob" value="Reading">Reading</input><input type="checkbox" name="hob" value="Music">Music</input></td></tr>

<tr><td><br/><br/><input id="button" type="submit" name="submit" value="Submit"></input><br></br><input id="button" type="submit" name="Reset" value="Reset"></input></td></tr>

</form></table></fieldset></body></html>

1. **Write a HTML program to display your name, address, university, department name as an ordered list within an iFrame. Set the height as 200, width as 300. The content within the iFrame should be captured in a separate file, which needs to be called as a source (src) within iFrame.**

<html>

<p>Details</p>

<ol type="1">

<li>Perrie Edwards</li>

<li>Kolkata</li>

<li>University of Engineering and Management Kolkata</li>

<li>Computer Science and Engineering</li>

</ol>

</html>

<html>

<iframe name="home-page" src="C:\Users\LIFE\Desktop\html\p.html" width="300" height="200"></iframe>

</html>

1. **Write a HTML program to demonstrate usage of layout which should have a <title>, <header>, <nav>, <section>, <article>, <footer>. Apply features like background-color, font-size, text-align, color, width, height as applicable.**

<!DOCTYPE html>

<html lang="en">

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<style>

\* {

box-sizing: border-box;

}

body {

font-family: Arial, Helvetica, sans-serif;

}

/\* Style the header \*/

header {

background-color: #666;

padding: 30px;

text-align: center;

font-size: 35px;

color: white;

}

/\* Create two columns/boxes that floats next to each other \*/

nav {

float: left;

width: 30%;

height: 300px; /\* only for demonstration, should be removed \*/

background: #ccc;

padding: 20px;

}

/\* Style the list inside the menu \*/

nav ul {

list-style-type: none;

padding: 0;

}

article {

float: left;

padding: 20px;

width: 70%;

background-color: #f1f1f1;

height: 300px; /\* only for demonstration, should be removed \*/

}

/\* Clear floats after the columns \*/

section:after {

content: "";

display: table;

clear: both;

}

/\* Style the footer \*/

footer {

background-color: #777;

padding: 10px;

text-align: center;

color: white;

}

/\* Responsive layout - makes the two columns/boxes stack on top of each other instead of next to each other, on small screens \*/

@media (max-width: 600px) {

nav, article {

width: 100%;

height: auto;

}

}

<style>

<body>

<header>

<h2>LIBRARY MANAGEMENT SYSTEM</h2>

</header>

<section>

<nav>

<ul>

<li><a href="#">Signup</a></li>

<li><a href="#">Login</a></li>

<li><a href="#">Catalogue</a></li>

</ul>

</nav>

<article>

<h1>About</h1>

<p>Keeps track of books issued bt the student.</p>

<p>Shows catalogue of books available in the library</p>

</article>

</section>

<footer>

<p>University of Engineering And Management,Kolkata</p>

</footer>

</body>

</html>

1. **Write an HTML program containing 3 different Images: Computer, Phone and Coffee having respective Images with shapes and coordinates. On clicking any of the Images, a new page will open with relevant description and image of the topic and a corresponding Wikipedia link like:** [***https://en.wikipedia.org/wiki/Telephone***](https://en.wikipedia.org/wiki/Telephone)***.***

<!DOCTYPE html>

<html>

<body>

<h2>Image Maps</h2>

<p>Click on the computer, the phone, or the cup of coffee to go to a new page and read more about the topic:</p>

<img src="Images/workplace.jpg" alt="Workplace" usemap="#workmap" width="400" height="379">

<map name="workmap">

<area shape="rect" coords="34,44,270,350" alt="Computer" href="computer.htm">

<area shape="rect" coords="290,172,333,250" alt="Phone" href="phone.htm">

<area shape="circle" coords="337,300,44" alt="Cup of coffee" href="coffee.htm">

</map>

</body></html>

<!DOCTYPE html>

<html>

<link rel="stylesheet" href="/w3css/4/w3.css">

<body>

<div class="w3-container">

<h1>Coffee</h1>

<img src="Images/coffeehouse2.jpg" style="width:600px;max-width:100%;">

<p>Wikipedia says:</p>

<blockquote cite="https://en.wikipedia.org/wiki/Coffee"><i>Coffee is a brewed drink prepared from roasted coffee beans, which are the seeds of berries from the Coffea plant.</i></blockquote>

<p>Read more about coffee on <a href="https://en.wikipedia.org/wiki/Coffee">https://en.wikipedia.org/wiki/Coffee</a></p>

</div>

</body>

</html>

<!DOCTYPE html>

<html>

<link rel="stylesheet" href="/w3css/4/w3.css">

<body>

<div class="w3-container">

<h1>Computer</h1>

<img src="Images/mac.jpg" style="width:600px;max-width:100%;">

<p>Wikipedia says:</p>

<blockquote cite="https://en.wikipedia.org/wiki/Computer"><i>A computer is a device that can be instructed to carry out arbitrary sequences of arithmetic or logical operations automatically.</i></blockquote>

<p>Read more about computer on <a href="https://en.wikipedia.org/wiki/Computer">https://en.wikipedia.org/wiki/Computer</a></p>

</div>

</body>

</html>

<!DOCTYPE html>

<html>

<link rel="stylesheet" href="/w3css/4/w3.css">

<body>

<div class="w3-container">

<h1>Phone</h1>

<img src="Images/cellphone.jpg" style="width:600px;max-width:100%;">

<p>Wikipedia says:</p>

<blockquote cite="https://en.wikipedia.org/wiki/Telephone"><i>A telephone, or phone, is a telecommunications device that permits two or more users to conduct a conversation when they are too far apart to be heard directly.</i></blockquote>

<p>Read more about phone on <a href="https://en.wikipedia.org/wiki/Telephone">https://en.wikipedia.org/wiki/Telephone</a></p>

</div>

</body>

</html>