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:**

<!DOCTYPE html>  
<html>  
<head>  
 <title></title>  
 <style type="text/css">  
 td {  
 border: 0px;  
 padding: 3px;  
 }  
 th {  
 border-left: 0px;  
 border-right: 0px;  
 }  
 #studentReg {  
 padding-top:10px;  
 padding-left: 50px;  
 padding-right: 50px;  
 padding-bottom: 10px;  
 }  
 #qualification {  
 padding: 10px;  
 }  
 </style>  
</head>  
<body>  
 <div align="center">  
 <table id="studentReg" border="1">  
 <tr>  
 <td class="studentReg">  
 <label for="studentName"><b>Name:</b></label>  
 </td>  
 <td class="studentReg">  
 <input type="text" name="Name" id="studentName" placeholder="Enter Name">  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="phoneNumber"><b>Phone Number:</b></label>  
 </td>  
 <td class="studentReg">  
 <input type="number" name="number" id="phoneNumber" placeholder="Enter Email">  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="emailID"><b>Email:</b></label>  
 </td>  
 <td class="studentReg">  
 <input type="email" name="mail" id="emailID" placeholder="Enter Mail">  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="registrationNumber"><b>Registration Number:</b></label>  
 </td>  
 <td class="studentReg">  
 <input type="number" name="registration" id="registrationNumber" placeholder="Enter Registration Number">  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="address"><b>Address:</b></label>  
 </td>  
 <td class="studentReg">  
 <textarea id="address" placeholder="Enter Address" rows="5" cols="30"></textarea>  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="gender"><b>Gender:</b></label>  
 </td>  
 <td class="studentReg">  
 <input id="gender" type="radio" name="gender" value="Male"> Male   
 <input id="gender" type="radio" name="gender" value="Female"> Female   
 <input id="gender" type="radio" name="gender" value="other"> Other  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="hobbies"><b>Hobbies:</b></label>  
 </td>  
 <td class="studentReg">  
 <input id="hobbies" type="checkbox" name="hobby" value="playing"> Playing <br>  
 <input id="hobbies" type="checkbox" name="hobby" value="travelling"> Travelling <br>  
 <input id="hobbies" type="checkbox" name="hobby" value="readingBooks"> Reading   
 Books <br>  
 <textarea id="hobbies" placeholder="Mention others..." rows="2" cols="30"></textarea>  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="stream"><b>Stream:</b></label>  
 </td>  
 <td class="studentReg">  
 <select id="stream">  
 <option value="null">--</option>  
 <option value="btech">B.Tech</option>  
 <option value="bca">BCA</option>  
 <option value="mtech">M.Tech</option>  
 <option value="mca">MCA</option>  
 </select>  
 </td>  
 </tr>  
 <tr>  
 <td class="studentReg">  
 <label for="branch"><b>Branch:</b></label>  
 </td>  
 <td class="studentReg">  
 <select id="branch">  
 <option value="null">--</option>  
 <option value="cse">CSE</option>  
 <option value="ece">ECE</option>  
 <option value="mechanical">Mechanical</option>  
 <option value="electrical">Electrical</option>  
 <option value="civil">Civil</option>  
 </select>  
 </td>  
 </tr>  
 </table>  
 <p></p>  
 <table border="1" id="qualification">  
 <tr>  
 <th>Degree/Certificate</th>  
 <th>Degree</th>  
 <th>Discipline</th>  
 <th>Institute</th>  
 <th>Board/University</th>  
 <th>Year of Passing</th>  
 <th>Aggregate % / CGPA</th>  
 </tr>  
 <tr>  
 <td align="center">10th</td>  
 <td align="center">AISSE</td>  
 <td align="center">N.A.</td>  
 <td align="center">Army Public School Barrackpore</td>  
 <td align="center">CBSE</td>  
 <td align="center">2013</td>  
 <td align="center">9</td>  
 </tr>  
 <tr>  
 <td align="center">12th</td>  
 <td align="center">AISSCE</td>  
 <td align="center">Science</td>  
 <td align="center">Army Public School Barrackpore</td>  
 <td align="center">CBSE</td>  
 <td align="center">2015</td>  
 <td align="center">81.66</td>  
 </tr>  
 <tr>  
 <td align="center">Graduation</td>  
 <td align="center">B.Tech</td>  
 <td align="center">CSE</td>  
 <td align="center">University of Engineering and Management Kolkata</td>  
 <td align="center">University of Engineering and Management Kolkata</td>  
 <td align="center">2019</td>  
 <td align="center">9.39</td>  
 </tr>  
 </table>  
 </div>  
</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:**

<!DOCTYPE html>  
<html>  
<head>  
 <title>Registration Form</title>  
 <style type="text/css">  
 td{  
 border: 0px;  
 padding: 3px;  
 }  
 #studentReg{  
 padding-left: 50px;  
 padding-right: 50px;  
 padding-bottom: 10px;  
 }  
 div{  
 border: 2px solid black;  
 margin-left: 250px;  
 margin-right: 250px;  
 padding-bottom: 20px;  
 }  
 </style>  
</head>  
<body>  
 <div align="center">  
 <form method="GET" action="https://www.google.com" id="form1">  
 <h2>REGISTRATION</h2>  
 <table id="studentReg" border="0">  
 <tr>  
 <td>  
 <label for="firstName"><b>First Name:</b></label>  
 </td>  
 <td>  
 <input type="text" id="firstName" name="firstName" placeholder="Enter First Name">  
 </td>  
 <td>  
 <label for="lastName"><b>Last Name:</b></label>  
 </td>  
 <td>  
 <input type="text" id="lastName" name="lastName" placeholder="Enter Last Name">  
 </td>  
 </tr>  
 <tr>  
 <td>  
 <label for="emailID"><b>Email:</b></label>  
 </td>  
 <td>  
 <input type="text" id="emailID" name="emailID"   
placeholder="Enter Email">  
 </td>  
 </tr>  
 <tr>  
 <td>  
 <label for="gender"><b>Gender:</b></label>  
 </td>  
 <td colspan="3">  
 <input type="radio" class="gender" name="gender" value="male"> Male   
 <input type="radio" class="gender" name="gender" value="female"> Female   
 <input type="radio" class="gender" name="gender" value="other"> Other  
 </td>  
 </tr>  
 <tr>  
 <td>  
 <label for="hobby"><b>Hobbies:</b></label>  
 </td>  
 <td colspan="3">  
 <input type="checkbox" class="hobby" name="hobby" value="Trekking"> Trekking <br>  
 <input type="checkbox" class="hobby" name="hobby" value="Music"> Music <br>  
 <input type="checkbox" class="hobby" name="hobby" value="Playing Computer Games"> Computer Games <br>  
 <textarea rows="3" cols="55" placeholder="Mention other hobbies..."></textarea>  
 </td>  
 </tr>  
 </table>  
 </form>  
 <button type="submit" form="form1" value="Submit">Submit</button>  
 <button type="submit" form="form1" value="Reset">Reset</button>  
 </div>  
</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.**

**Code:**

**Main.html**

<!DOCTYPEhtml>  
<html>  
<head>  
 <title>Question3</title>  
 <style type="text/css">

div {

padding: 50px;

margin-left: 200px;

margin-right: 200px;

}

</style>

</head>

<body>

<div align="center">

<iframe src="C:\Users\Subhadeep\Desktop\html\_workspace\question3support.html">

<p>This browser doesn't support iframe.</p>

</iframe>

</div>

</body>

</html>

**Src.html**

<!DOCTYPE html>  
<html>  
<head>  
 <title>Question3Support</title>  
</head>  
<body>  
 <div align="center">  
 <h6>DETAILS</h6>  
 <ul style="list-style-type:square">  
 <li>Izuku Midoriya</li>  
 <li>Kolkata</li>  
 <li>University of Engineering and Management Kolkata</li>  
 <li>Computer Science and Engineering</li>  
 </ul>  
 </div>  
</body>  
</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.**

**Code:**

<!DOCTYPE html>

<html lang="en">

<meta charset="utf-8">

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

<style type="text/css">

\* {

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)***.***

**Code**:

<!DOCTYPE html>

<html>

<head>

<title>Question5</title>

</head>

<body>

<div align="center">

<h2>Image Maps</h2>

<p><i>Click on any of the objects on the picture given and know more about it!</i></p>

<div align="center">

<map name="infographic">

<area shape="circle" coords="685,230,65" href="https://en.wikipedia.org/wiki/Coffee" alt="Coffee">

<area shape="poly" coords="175,57,630,57,570,155,580,400,225,400,225,155" href="https://en.wikipedia.org/wiki/Laptop" alt="Laptop">

<area shape="poly" coords="140,225,195,250,142,375,85,352" href="https://en.wikipedia.org/wiki/Mobile\_phone" alt="Mobile\_phone">

</map>

<img usemap="#infographic" src="https://www.whitehatagency.com.au/wp-content/uploads/2017/02/diy-seo.png" alt="Question5 infographic" width="800">

</div>

</div>

</body>

</html>