**Web Programming (BCSE203E)**

**E2+TE2**

**Divyansh Mishra**

**23BCE5071**

**Assignment 4,5**

**Website Live:** [**Github**](https://divyanshm30.github.io/Web_Programming/)

**Assignment 4**

**Q1**

<!DOCTYPE html>

<html>

<head>

<title>Form</title>

</head>

<body>

<form name="Login">

<fieldset>

<legend>Login</legend>

<label for="Usname">Username\*</label><br/>

<input type="text"><br/>

<label for="Psswd">Password\*</label><br/>

<input type="text"><br/>

</fieldset>

</form>

<form name="Gender">

<fieldset>

<legend>Gender\*</legend>

<input type="radio">

<label for="male">Male</label>

<input type="radio">

<label for="female">Female</label>

</fieldset>

</form>

<form name="PR skill">

<fieldset>

<legend>Programming Skill</legend>

<input type="checkbox">

<label for="Java">Male</label>

<input type="checkbox" checked="true">

<label for="C++">C++</label>

<input type="checkbox">

<label for="C#">C#</label>

</fieldset>

<form name="Fruit">

<fieldset>

<legend>Fruit</legend>

<label for="Java">Choose a fruit:</label>

<label> Choose a Fruit:</label>

                <select>

                    <optgroup label="Pome">

                        <option>Apple</option>

                        <option>pear</option>

                    </optgroup>

                    <optgroup label="Citrus">

                        <option>Oranges</option>

                        <option>Grapes</option>

                        <option>Mandarin</option>

                        <option>Lime</option>

                    </optgroup>

                    <optgroup label="Stone">

                        <option>Nectarine</option>

                        <option>Apricot</option>

                        <option>Peach</option>

                        <option>Plum</option>

                    </optgroup>

                    <optgroup label="Exotic">

                        <option selected="selected">Banana</option>

                        <option>mango</option>

                    </optgroup>

                    <optgroup label="Berries">

                        <option>Strawberry</option>

                        <option>Raspberry</option>

                        <option>Blueberry</option>

                        <option>Kiwi</option>

                        <option>Passion</option>

                    </optgroup>

                    <optgroup label="Melons">

                        <option>Watermelon</option>

                        <option>Rock melons</option>

                        <option>Honeydue melons</option>

                    </optgroup>

                </select>

</fieldset>

</form>

<form name="Comments">

<textarea placeholder="Enter your comment here" rows="7" cols="75"></textarea><br/>

<input type="button" value="SEND">

<input type="button" value="SUBMIT">

</form>

</body>

</html>

**Q2**

<!DOCTYPE html>

<html>

<head>

<title>Lab exercise 23BCE1128</title>

</head>

<body>

<form>

<fieldset width="50%">

<legend align="top" style="color:red"><b>Personal details</b></legend>

<table>

<tr>

<td width="100px">Name</td>

<td>: <input type="text" name="Name" id="name"></td>

</tr>

<tr>

<td width="100px">Password</td>

<td>: <input type="Password" name="Password" id="pass"></td>

</tr>

<tr>

<td width="100px">Gender</td>

<td>: <input type="radio" name="male" id="male" value="male"> Male  <input type="radio" name="female" id="female" value="female" checked="true"> Female</td>

</tr>

<tr>

<td width="100px">DOB</td>

<td>: <input type="date" name="dob" id="dob"></td>

</tr>

<tr>

<td width="100px">Mobile#</td>

<td>: <input type="tel" name="telephone" id="telephone"></td>

</tr>

</table>

</fieldset>

</form>

<form>

<fieldset width="50%">

<legend align="top" style="color:red"><b>Educational Qualification</b></legend>

<table>

<tr>

<td width="100px">Degree</td>

<td>:

<select id="degree" width="200px">

    <optgroup label="UG">

    <option value="BE">BE

    <option value="BTech">BTech

    <option value="BSc">BSc

    <option value="BA">BA

    <option value="BCA">BCA

    <option value="BBA">BBA

    <option value="Others">Others

    </optgroup>

    <optgroup label="PG">

    <option value="ME">ME

    <option value="MTech">MTech

    <option value="MSc">MSc

    <option value="MA">MA

    <option value="MCA">MCA

    <option value="MBA">MBA

    <option value="Others">Others

    </optgroup>

    <optgroup label="PhD">

    <option value="Engineering">Engineering

    <option value="Science">Science

    <option value="Management">Management

    <option value="Others">Others

    </optgroup>

    <option value="--Select Group--" selected disabled hidden>--Select Group--

</select>

</td>

<td>Engineering:</td>

<td>

<input list="deps" name="dep" id="dep" placeholder="--Select Group--">

  <datalist id="deps">

    <option value="CSE">

    <option value="ECE">

    <option value="EEE">

    <option value="CIVIL">

    <option value="MECH">

  </datalist>

</td>

</tr>

</table>

</fieldset>

</form>

<form>

<table>

<tr>

<td width="100px">Hobbies</td>

<td>: <input type="checkbox" id="Playing chess">Playing Chess</td>

<td><input type="checkbox" id="Reading books">Reading Books</td>

<tr/>

<tr><td colspan="3">Favoutrite Color&nbsp: <input type="color"><td></tr>

</table>

</form>

<form>

<p style="color:red"><b>Address</b></p>

<textarea name="address" rows="5" cols="50"></textarea>

<br>

Attach Resume: <input type="file" name="resume" id="resume"> <input type="submit">

</form>

</body>

</html>

**Q3**

<!DOCTYPE html>

<html>

<head><title>Problem 3</title></head>

<body>

<form oninput="x.value=parseInt(a.value)+parseInt(b.value)+parseInt(c.value)">

0<input type="range" id="a" value="50" min="0" max="5">5+<br>

0<input type="range" id="b" value="50" min="0" max="5">5+<br>

0<input type="range" id="c" value="50" min="0" max="5">5+<br>

=<output id="x"></output>

<body>

</html>

**Assignment 5**

**Index.html**

<!DOCTYPE html>

<html>

    <head>

        <title>Resume</title>

    </head>

    <frameset rows="10%,80%,10%">

        <frame src="header.html" name="header">

        <frameset cols="15%,\*,20%">

            <frame src="nav.html" name="navigation">

            <frame src="main.html" name="main content">

            <frame src="aside.html" name="extra">

        </frameset>

        <frame src="footer.html">

        <body>

        <noframes>

            Not Supported

        </noframes>

        </body>

    </frameset>

</html>

**Header.html**

<!DOCTYPE html>

<html lang="en" style="background-color: black; color: white;">

<head>

    <title>header\_resume</title>

</head>

<body>

    <header>

        <h1 align="center">My Professional Resume</h1>

    </header>

</body>

</html>

**Footer.html**

<!DOCTYPE html>

<html lang="en" style="background-color: black; color: white;">

<head>

    <title>Footer Resume</title>

</head>

<body>

    <footer>

        <center><div>&copy 2025 Divyansh Mishra. All rights reserved.</div></center><br>

        <center><div>Contact: <a style="color: aqua;" href="mailto:divyanshm.code@gmail.com">divyanshm.code@gmail.com</a></div></center><br>

    </footer>

</body>

</html>

**Nav.html**

<!DOCTYPE html>

<html style="background-color: black;color:white">

    <head><title>Navigation</title></head>

    <body>

        <p>

            Navigation View

            <nav>

                <ul>

                    <li><a href="main.html#About\_me" target="main content" style="color: white;"> About me</a></li>

                    <li><a href="main.html#Education" target="main content" style="color: white;"> Education</a> </li>

                    <li><a href="main.html#Experience" target="main content" style="color: white;">  Experience</a></li>

                    <li><a href="main.html#Skills" target="main content" style="color: white;">  Skills</a></li>

                    <li><a href="main.html#Achievements" target="main content" style="color: white;"> Achievements</a></li>

                    <li><a href="main.html#Contact" target="main content" style="color: white;">  Contact</a></li>

                    <li><a href="media.html" target="main content" style="color: white;">  Media</a></li>

                </ul>

            </nav>

        </p>

    </body>

</html>

**Main.html**

<!DOCTYPE html>

<html lang="en" >

<head style="margin: 0px; padding: 0px;">

    <title>Main Content</title>

    <div align="center" width="100%" height="300px" style="background-color: rgb(186,186,186); margin:20px; padding:20px">

        <h1>Divyansh Mishra<h1>

            <p style="font-size: 18px;">Aspiring Software Engineer | Programmer | Developer</p>

        </div>

</head>

<body">

    <article>

        <div style="margin: 40px;">

            <h2 id="About\_me">About me</h2>

        An aspiring software engineer who excels in modern day technologies like C, C++, Java and Python.

        Experienced in building in front end websites.

        Seeks to always improve and be better than the previous day.

        <br>

        <center>

            <figure>

            <img src="me.JPG" height="250px" width="190px" title="Divyansh Mishra">

            <p><b>Divyansh Mishra</b></figure><p>

            </figure>

        </center>

    <h2 id="Education">Education</h2>

    <strong><p style="font-size: 15px;">B.Tech in Computer Science and Engineering</p></strong>

    Vellore Institue of Technology, Chennai<br>

    2023-2027<br>

    <strong><p style="font-size: 15px;">Higher Secondary Education</p></strong>

    Delhi Public School, Jabalpur<br>

    2018-2023<br>

    <h2 id="Experience">Experience</h2>

    Made a hihghly useful and efficient project in computer networks, which required foundational work on Internet protocols and network.

    Developed an event management system as part of a personal project, showcasing skills in app development and JavaScript.

    Acquired foundational knowledge in application development and JavaScript through academic and personal projects.

    <h2 id="Skills">Skills</h2>

    <ul type="square">

        <li>Experienced at programming in C, C++, Java and Python</li>

        C <progress value="7.5" max="10"></progress><br>

        C++ <progress value="9" max="10"></progress><br>

        Java <progress value="8" max="10"></progress><br>

        Python <progress value="9.5" max="10"></progress><br>

        <li>Skilled at Computer Networks development</li>

        <li>Hands on experience of working with App Development</li>

    </ul>

    <h2 id="Achievements">Achievements</h2>

    Won several gold and silver medals in National and International Level Olympiads.<br>

    Have made clones of several popolar widely websites like Netflix, Amazon etc.  <br>

    Web Development <meter value="5" min="0" max="10"></meter> [Improving everyday  &#128516;]

    <h2 id="Future goals">Future goals and hobbies</h2>

    Aims to contribute effectively to the IT industry while continuously learning to tackle more challenging problems. <br>

    Motivated to grow in the IT field by leveraging foundational knowledge in mathematics and programming to develop practical solutions for real-world problems.

    <details>

        <summary>Hobbies </summary>

        <p>I really like playing Chess in my free time. Playing, watching and analyzing the sport is one of my favorite things to do. I also like to solve Competitve programming questions too. That is a skill I am really trying to excel right now.</p>

    </details>

    <br>

    <br>

    Problem Solving <br>

    <progress style="width: 80%;" value="78" max="100"> </progress><br>

    Programming <br>

    <progress style="width: 80%;" value="82" max="100"></progress><br>

    <br>

    <br>

    <h2 id="Contact">Contact</h2>

    Contact - <a href="mailto:divyanshm.code@gmail.com" target="\_blank">divyanshm.code@gmail.com</a><br>

    LinkedIn - <a href="https://www.linkedin.com/in/divyansh-mishra-coder/" target="\_blank">Divyansh Mishra</a><br>

    Github - <a href="https://www.github.com/DivyanshM30/" target="\_blank">Divyansh Mishra</a><br>

</div>

    </article>

</body>

</html>

**Aside.html**

<!DOCTYPE html>

<html lang="en" style="background-color: black; color: white;">

<head>

    <title>Quick facts</title>

</head>

<body>

    <aside>

        <h3>Quick Facts</h3>

        <p>

            <ul type="circle">

                <li>Proficient in C++ ,Java, Python, C, HTML and CSS.</li>

                <li>Proficient in Git and Github</li>

                <li>Has knowledge in App Development</li>

            </ul>

        </p>

    </aside>

</body>

</html>

**Media.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Media</title>

</head>

<body>

    <div style="display: flex; gap: 20px;">

        <div style="float: left;">

                    <h2>Audio</h2>

           IPL Song<br>

            <audio controls>

                <source src="ipl.mp3" type="audio/mp3">

            </audio>

            <h2>Video</h2>

            <video controls>

                <source src="minecraft.mp4">

            </video>

            <div >

                <img id="scream" width="220" height="277" src="me.JPG">

                </div>

        </div>

        <div>

            <iframe src="svg.html" height="800px" width="700px">This is not supported</iframe>

        </div>

    </div>

</body>

</html>

**Svg.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Embedded</title>

</head>

<body>

    <center><h1>My House using SVG</h1></center>

    <br>

    <br>

    <svg width="800px" height="800px">

        <g transform="translate(400,40)">

            <polygon points="34,64,0,40,43,42,58,4,73,40,121,40,83,66,98,103,59,80,23,105" style="fill: yellow;stroke:black;stroke-width:3px"></polygon>

            <circle cx="200" cy="40" r="60" stroke="black" stroke-width="3px" style="fill: rgb(238,228,143);"></circle>

            <circle cx="245" cy="40" r="50" stroke="black" stroke-width="0px" style="fill: white;"></circle>

        </g>

        <g transform="translate(20,50)">

            <polygon points="60,150 360,150 210,0" style="fill:rgb(169,28,34);stroke:black;stroke-width:3" />

            <g transform="translate(20,50)">

                <rect x="40" y="100" width="300" height="400" style="fill:rgb(133,67,21)" stroke="black" stroke-width="5px"></rect>

                <rect x="80" y="140" width="50" height="50" style="fill:rgb(179,217,230)" stroke="black" stroke-width="2px"></rect>

                <rect x="250" y="140" width="50" height="50" style="fill:rgb(179,217,230)" stroke="black" stroke-width="2px"></rect>

                <rect x="160" y="250" width="70" height="210" style="fill:rgb(98,66,34)" stroke="black" stroke-width="2px"></rect>

                <rect x="140" y="460" width="110" height="40" style="fill:rgb(169,169,169)" stroke="black" stroke-width="2px"></rect>

                <rect x="160" y="500" width="70" height="20" style="fill:rgb(169,169,169)" stroke="black" stroke-width="2px"></rect>

            </g>

        </g>

    </svg>

</body>

</html>