

IWP Assignment-1

Mayank Dhankar- 20BCE2221

CSE-3002-Internet Web Programming

Slot-L1+L2

Question 1-

1. Create a personal Webpage that must consist of three pages .The first page gives your personal details .The second page should be about you interests and hobbies and third page about your extracurricular activities. The pages must be linked with each other using image hyperlinks and text hyperlinks.(Usage of table, image, text formatting tags mandatory).

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mayank Dhankar</title>
</head>
<body style="background-color: #9784c4; color:white">
  <font face="Ebrima">
    <table>
      <tr>
        <td></td>
        <td>
          <h1>Mayank Dhankar</h1>
          <p>Hi, im an aspiring undergraduate student, who loves to
explore new things and learn new technologies.</p>
        </td>
      </tr>
      <tr>
        <td><h2>Contact Details</h2></td>
```

```

        </tr>
        <tr>
            <td>
                <p>Mayank Dhankar</p>
                <p>mayankdhankar@gmail.com</p>
                <p>7011205589</p>
            </td>
        </tr>
        <tr>
            <td><a href="interest.html"><h3>Interest</h3></a></td>
            <td><a href="extracurricular.html"><h3>Extra curricular
Activities</h3></a></td>
        </tr>
        <tr>
            <td><a href="interest.html"></a></td>
            <td><a href="extracurricular.html"></a></td>
        </tr>
    </table>
</font>
</body>
</html>

```

interest.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Interest</title>
</head>
<body style="background-color: #9784c4; color:white">
    <font face="Ebrima">
        <h1>Interests</h1>
        <p>Some of my interest include</p>
        <ol>
            <li>Technical</li>
            <ul>
                <li>Frontend Web Development</li>
                <li>Robotics</li>
                <li>Machine Learning</li>
                <li>App development</li>
            </ul>
        </ol>
    </font>

```

```

        </ul>
    </li>Design</li>
    <li>Design</li>
    <ul>
        <li>Graphic Designing</li>
        <li>UI/UX Designing</li>
        <li>Video Editing</li>
    </ul>
    <li>General</li>
    <ul>
        <li>Football</li>
        <li>Cricket</li>
        <li>Video Games</li>
    </ul>
</ol>
</font>
</body>
</html>

```

extracurricular.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Extra Curricular</title>
</head>
<body style="background-color: #9784c4; color:white">
    <font face="Ebrima">
        <h1>Extra Curricular Activities</h1>
        <p>Some of my favourite extracurricular activities are</p>

        <table cellpadding=5 border="1">
            <tr>
                <th>Activity</th>
                <th>Level</th>
            </tr>
            <tr>
                <td>Web Development</td>
                <td>☆☆☆☆☆</td>
            </tr>
            <tr>
                <td>Designing</td>
                <td>☆☆☆☆</td>
            </tr>
            <tr>
                <td>Swimming</td>
            </tr>
        </table>
    </font>

```

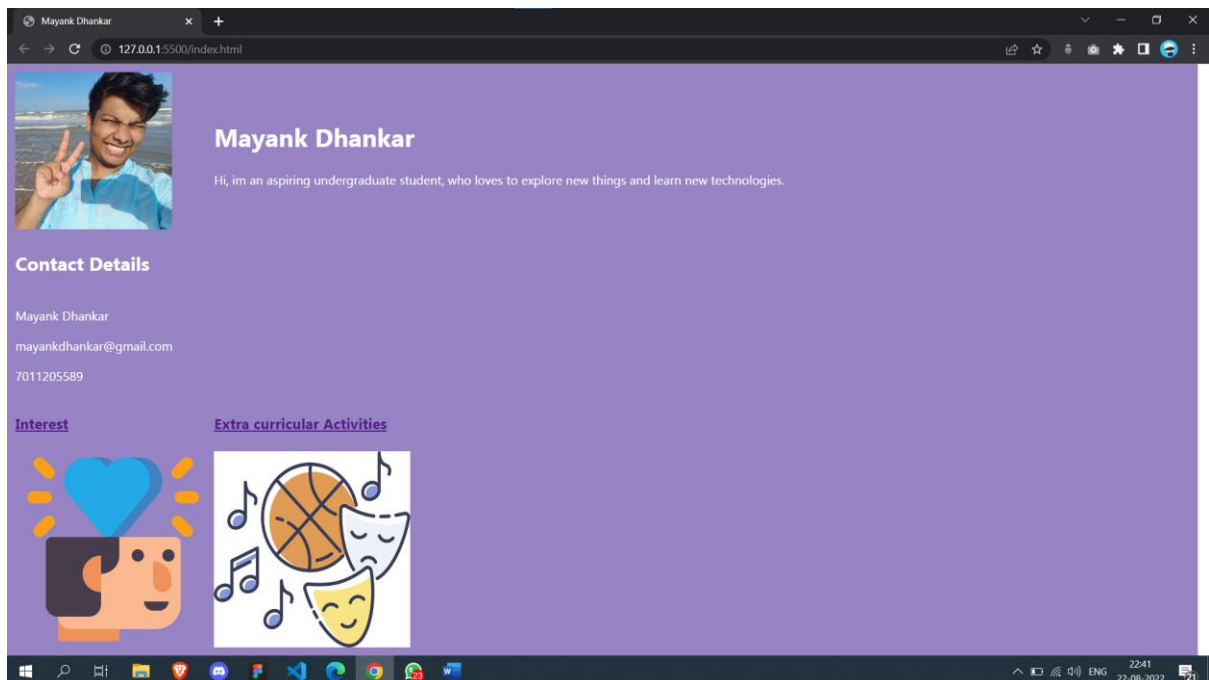
```

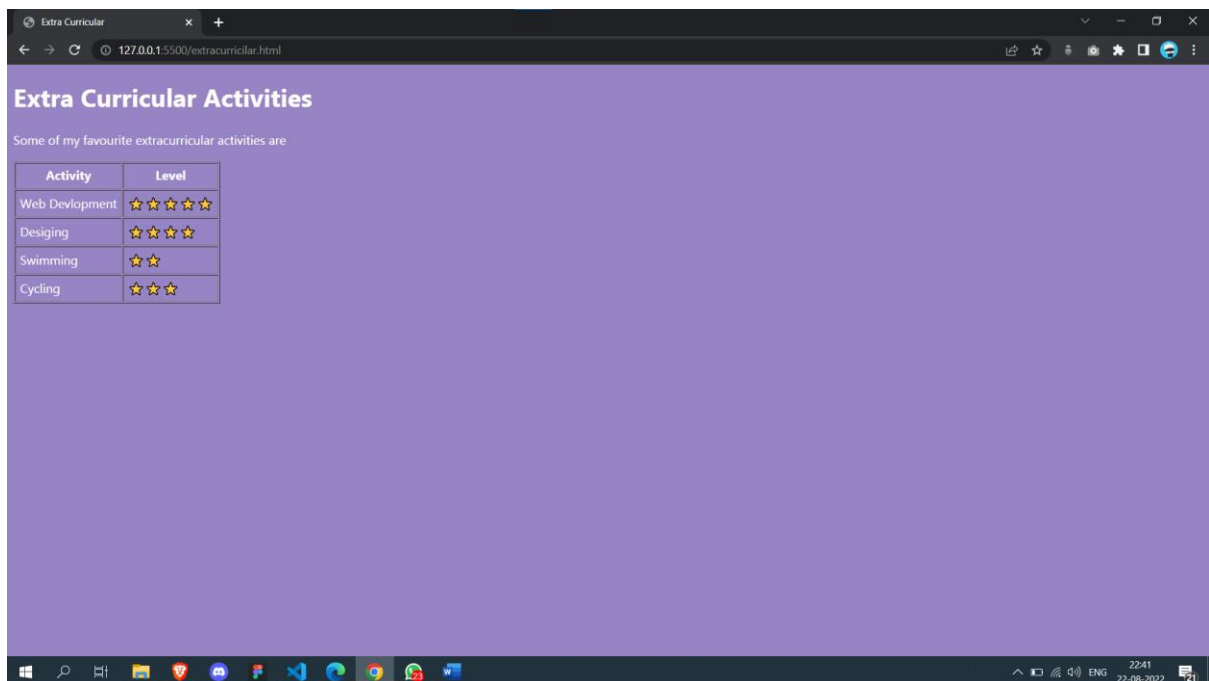
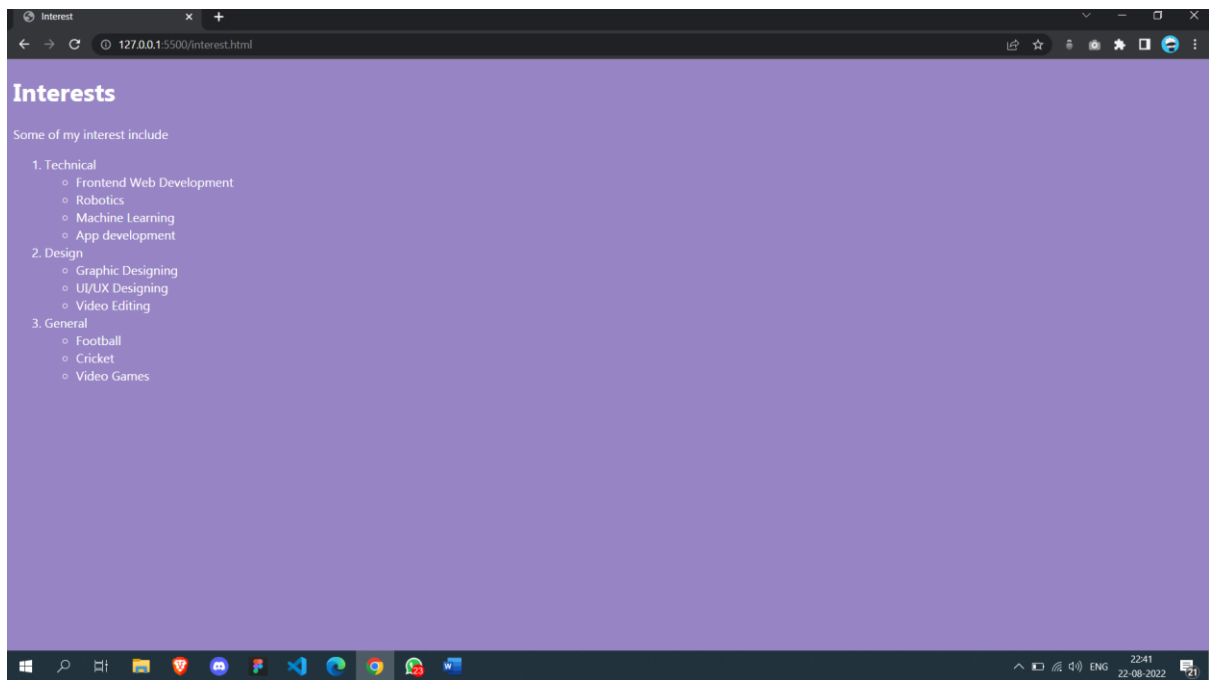
        <td>☆☆</td>
    </tr>
    <tr>
        <td>Cycling</td>
        <td>☆☆☆</td>
    </tr>
</table>

</font>
</body>
</html>

```

Output Screenshot-





Question 2-

2. Write a HTML 5 program that validates signup form containing the following elements.

- a. Registration Number (ex: 16BCE0001)
- b. Username: It should not have any digits
- c. Password: it should have at least one small case letter, uppercase letter, digit and a special character with minimum password length of 8
- d. Email:
- e. Mobile number: exact 10 digits. It should not be entered like (0000000000)
- f. Add DOB (DDMMYYYY)
- g. Create Submit and Cancel buttons.
- h. All fields in the signup page must be required (*) and use placeholder in all the fields.

form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Forms</title>
  <style>
    input:invalid {
      border-color: red;
    }
    input:valid {
      border-color: green;
    }
  </style>
</head>
<body>
  <table bgcolor="lightblue" cellpadding="10" border="1"
bordercolor="ffffff">
    <th colspan="2" bgcolor="cyan">Registration Form</th>
    <tr>
      <td>Registration Number</td>
```

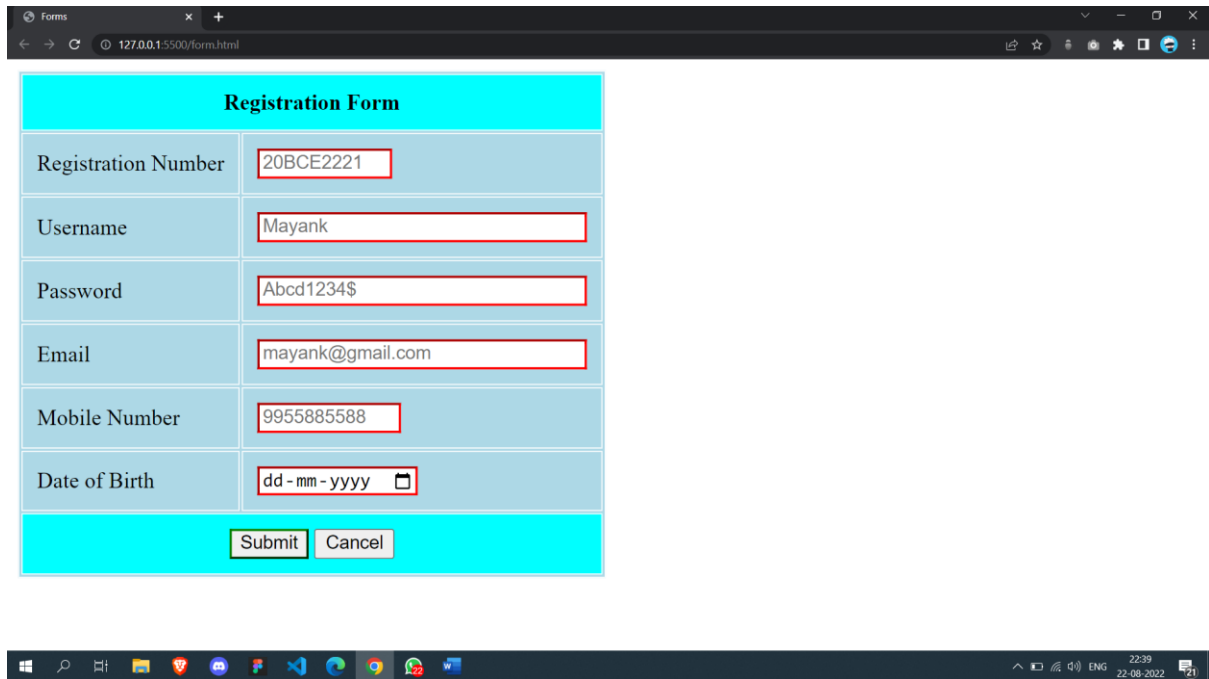
```

        <td><input type="text" size="9" placeholder="20BCE2221" required
pattern="[0-9]{2}[A-Z]{3}[0-9]{4}"></td>
    </tr>
    <tr>
        <td>Username</td>
        <td><input type="text" size="30" placeholder="Mayank" required
pattern="[a-zA-Z]*"></td>
    </tr>
    <tr>
        <td>Password</td>
        <td><input type="password" size="30" placeholder="Abcd1234$"
required pattern="^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*^[a-zA-Z0-
9])(?!.*\s).{8,}$"></td>
    </tr>
    <tr>
        <td>Email</td>
        <td><input type="email" size="30" placeholder="mayank@gmail.com"
required></td>
    </tr>
    <tr>
        <td>Mobile Number</td>
        <td><input type="text" size="10" placeholder="9955885588" required
pattern="[0-9]{10}"></td>
    </tr>
    <tr>
        <td>Date of Birth</td>
        <td><input type="date" size="30" required></td>
    </tr>
    <th colspan="2" bgcolor="cyan"><input type="submit"
value="Submit"> <input type="button" value="Cancel"></th>
</table>
</body>
</html>

```

Output Screenshot-

Without filling

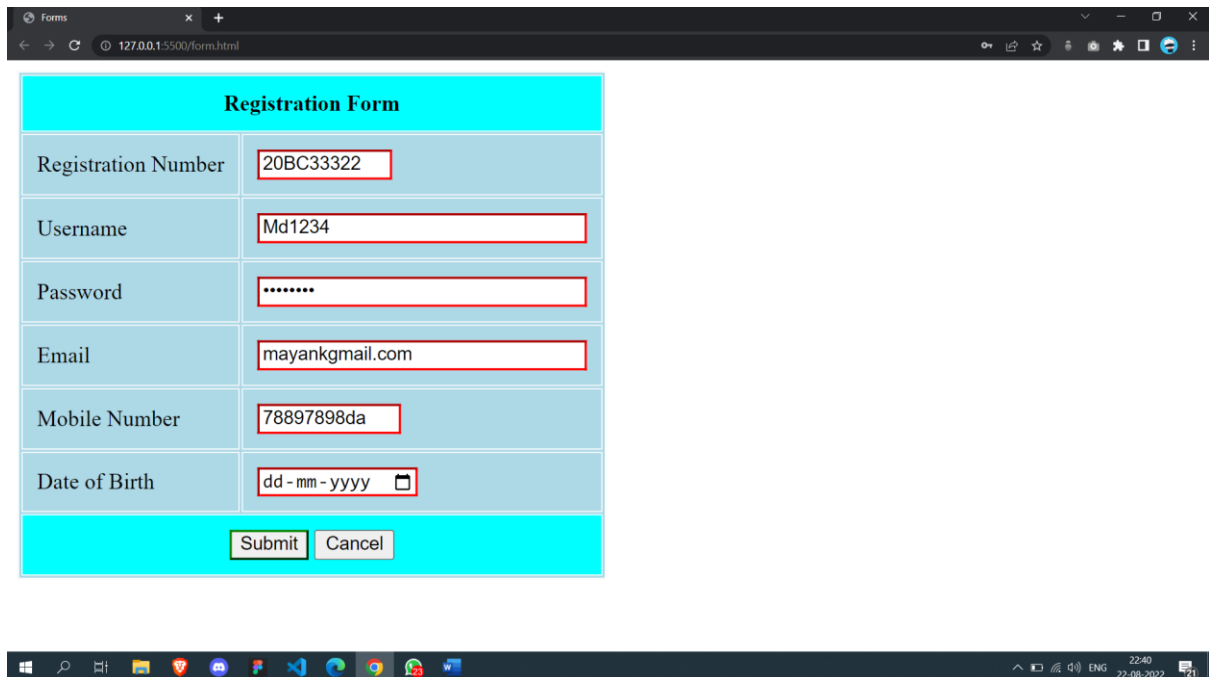


The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/form.html". The page contains a "Registration Form" with the following fields and values:

Registration Form	
Registration Number	20BCE2221
Username	Mayank
Password	Abcd1234\$
Email	mayank@gmail.com
Mobile Number	9955885588
Date of Birth	dd-mm-yyyy
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

The Windows taskbar at the bottom shows the time as 22:39 on 22-08-2022.

Filling wrong



The screenshot shows the same web browser window with the "Registration Form" containing the following fields and values:

Registration Form	
Registration Number	20BC33322
Username	Md1234
Password	*****
Email	mayankgmail.com
Mobile Number	78897898da
Date of Birth	dd-mm-yyyy
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

The Windows taskbar at the bottom shows the time as 22:40 on 22-08-2022.

Filling correctly

Registration Form

Registration Number	20CBE2221
Username	Mayank
Password	*****
Email	mayank@gmail.com
Mobile Number	7011258258
Date of Birth	22 - 08 - 2022

Submit Cancel