

Assignment -2
Html, Python-Flask Programming

Assignment Date	08 November 2022
Student Name	AKASH.V
Student Roll Number	961819205003
Maximum Marks	2 Marks

Question-1:

Create form of type input text, email, password, radio button text Area, drop down and navigate to success page and display files of form in table (CSS, HTML) html file

Solution_ :

```
<html>
<head>
<title>
    Assignment 2
</title>
<div class="banner">
<div>
<center><h1 style="color:white;"><strong> Welcome
All!!</strong></h1></center>
</div>
</div>
<style> .banner {
background-image:
    url(https://media.istockphoto.com/photos/clear-night-sky-with-milky-wayand-huge-amount-of-stars-pictureid1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLAbg0F472ikBX9VPphbKqv6yr1Nel=);
    }
</style>
</head>
<body>
<center>
<h1><b>Registration Form<b></h1><br>
<form action="tth.html" method="post">
<table>
<tr>
<td><b>Name<b></td>
<td><b>:</b></td>
</tr>
<td>
<input type="text" name="n1"required>
```

```
</td>
</tr>
<tr>
<td><b>Password</b></td>
<td><b>:</b></td>
<td><input type="password" name="pwd" required></td>
</tr>
<tr>
<td><b>Email</b></td>
<td><b>:</b></td>
<td><input type="email" id="email" required></td>
</tr>
<tr><td><b>Gender</b></td>
<td><b>:</b></td>
<td><input type="radio" name="1" value="male">Male</td>
<td><input type="radio" name="1" value="female">Female</td>
</tr>
<tr>
<td><b>Date Of Birth</b></td>
<td><b>:</b></td>
<td><input type="date" name="t1"></td>
</tr>
<tr><td><b>Residential Address</b></td>
<td><b>:</b></td>
<td><textarea id="h1" name="r1" rows="5" cols="50" required>
</textarea></td></tr>
<tr>
<td><b>Permanent Address</b></td>
<td><b>:</b></td>
<td><textarea id="h2" name="r2" rows="5" cols="50" required>
</textarea></td>
</tr>
<tr>
<td><b>State</b></td>
<td><b>:</b></td>
<td><input type="text" name="e1" required></td>
</tr>
<tr>
<td><b>Country</b></td>
<td><b>:</b></td>
<td><input type="text" name="e2" required></td>
</tr>
<tr>
<td><b>College Name</b></td>
<td><b>:</b></td>
```

```

<td><textarea id="h1" name="r1" rows="2" cols="50" required>
</textarea></td></tr>
<tr><td><b>Field Of Study</b></td>
<td><b>:</b></td>
<td><select name="Field of Study">
<option value="Arts and Science">Arts and Science</option>
<option value="Medicine">Medicine</option>
<option value="Engineering">Engineering</option>
<option value="Other">Other</option>
</select></td>
</tr>
<tr>
<td><b>Year Of Studying</b></td>
<td><b>:</b></td>
<td><select name="Year of Studying">
<option value="I YEAR">I YEAR</option>
<option value="II YEAR">II YEAR</option>
<option value="III YEAR">III YEAR</option>
<option value="IV YEAR">IV YEAR</option>
<option value="Other">Other</option>
</select>
</td>
</tr>
<tr><td><b>Percentage of Pervious Year</b></td>
<td><b>:</b></td>
<td><input type="number" name="n1">
</td>
</tr>
<tr><td><b>Ambition</b></td>
<td><b>:</b></td>
<td><textarea id="a1" row="2" cols="20" required>
</textarea></td>
</tr>
<tr><td><b>Field Of Interest</b></td>
<td><b>:</b></td>
<td><textarea id="a1" row="2" cols="20" required>
</textarea></td>
</tr>
<tr>
<td><b>Declaration</b></td>
<td><b>:</b></td>
<td><input type="radio" name="r1" value="m1">"Hereby I declare that the information
given above are true to my knowledge"</td>
</tr><br><br>
<tr>
<td align=center><input type="Submit" value="Submit"></td>

```

```

<td>
<input type="Reset" value="Clear"></td></tr>
</table></form></center>
</body>
</html>

```

Navigated Page:

tth.html:

```

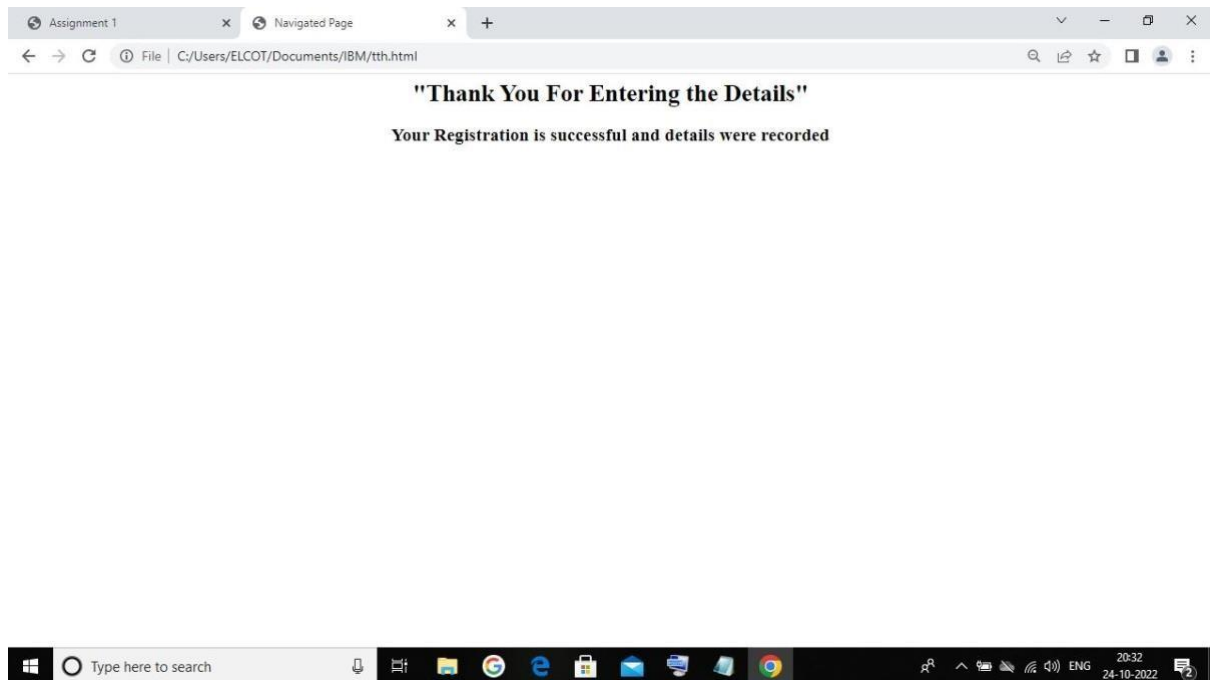
<html>
<head>
<title>Navigated Page</title>
</head>
<body>
<center><h1><b>"Thank You For Entering the Details"</b></h1>
<h2><b>Your Registration is successful and details were recorded</b></h2>
</center>
</body>
</html>

```

Output:

The screenshot shows a web browser window with two tabs: 'Assignment 1' and 'Assignment 2'. The active tab is 'Assignment 2', displaying a file named 'C:/Users/ELCOT/Documents/IBM/Assg-2.html'. The browser's address bar shows the file path. The page content features a dark blue header with the text 'Welcome All!!' in white. Below the header, the title 'Registration Form' is centered. The form itself is a collection of input fields and labels arranged in a list-like structure. The labels are: Name, Password, Email, Gender, Date Of Birth, Residential Address, Permanent Address, State, Country, College Name, Field Of Study, Year Of Studying, Percentage of Pervious Year, Ambition, Field Of Interest, and Declaration. The input fields are: three text boxes for Name, Password, and Email; two radio buttons for Gender (Male and Female); a date picker for Date Of Birth; two large text areas for Residential Address and Permanent Address; three text boxes for State, Country, and College Name; a dropdown menu for Field Of Study (currently showing 'Arts and Science'); a dropdown menu for Year Of Studying (currently showing '1 YEAR'); a text box for Percentage of Pervious Year; two text boxes for Ambition and Field Of Interest; and a text box for Declaration. At the bottom of the form, there are two buttons: 'Submit' and 'Clear'. The browser's status bar at the bottom shows the Windows taskbar with various icons and the system clock indicating 20:20 on 24-10-2022.

Navigated Page:



Question-2:

Create form of type input text, email, password, radio button text Area, drop down and navigate to success page and display files of form in table (CSS, HTML) html file

For CSS create external style sheet for above task (separate CSS file and link that in html)

Solution_ :

```
<html>
<head>
<title>
    Assignment 2
</title>
<div class="banner">
<div>
<center><h1 style="color:white;"><strong> Welcome
All!!</strong></h1></center>
</div>
</div>
<link rel="stylesheet" type="text/css" href="externalcss.css">
</head>
<body>
<center>
```

```
<h1><b>Registration Form<b></h1><br>
<form action="tth.html" method="post">
<table>
  <tr>
    <td><b>Name<b></td>
    <td><b>:<b>
  </td>
  <td>
    <input type="text" name="n1" required>
  </td>
</tr>
  <tr>
    <td><b>Password<b></td>
    <td><b>:<b>
    <td><input type="password" name="pwd" required></td>
  </tr>
  <tr>
    <td><b>Email<b></td>
    <td><b>:<b>
    <td><input type="email" id="email" required></td>
  </tr>
  <tr>
    <td><b>Gender<b></td>
    <td><b>:<b>
    <td><input type="radio" name="1" value="male">Male</td>
    <td><input type="radio" name="1" value="female">Female</td>
  </tr>
  <tr>
    <td><b>Date Of Birth<b></td>
    <td><b>:<b>
    <td><input type="date" name="t1"></td>
  </tr>
  <tr>
    <td><b>Residential Address<b></td>
    <td><b>:<b>
    <td><textarea id="h1" name="r1" rows="5" cols="50" required>
  </textarea></td></tr>
  <tr>
    <td><b>Permanent Address<b></td>
    <td><b>:<b>
    <td><textarea id="h2" name="r2" rows="5" cols="50" required>
  </textarea></td>
  </tr>
  <tr>
    <td><b>State<b></td>
    <td><b>:<b>
    <td><input type="text" name="e1" required></td>
```

```

</tr>
<tr>
<td><b>Country</b></td>
<td><b>:</b></td>
<td><input type="text" name="e2" required></td>
</tr>
<tr>
<td><b>College Name</b></td>
<td><b>:</b></td>
<td><textarea id="h1" name="r1" rows="2" cols="50" required>
</textarea></td></tr>
<tr><td><b>Field Of Study</b></td>
<td><b>:</b></td>
<td><select name="Field of Study">
<option value="Arts and Science">Arts and Science</option>
<option value="Medicine">Medicine</option>
<option value="Engineering">Engineering</option>
<option value="Other">Other</option>
</select></td>
</tr>
<tr>
<td><b>Year Of Studying</b></td>
<td><b>:</b></td>
<td><select name="Year of Studying">
<option value="I YEAR">I YEAR</option>
<option value="II YEAR">II YEAR</option>
<option value="III YEAR">III YEAR</option>
<option value="IV YEAR">IV YEAR</option>
<option value="Other">Other</option>
</select>
</td>
</tr>
<tr><td><b>Percentage of Pervious Year</b></td>
<td><b>:</b></td>
<td><input type="number" name="n1">
</td>
</tr>
<tr><td><b>Ambition</b></td>
<td><b>:</b></td>
<td><textarea id="a1" row="2" cols="20" required>
</textarea></td>
</tr>
<tr><td><b>Field Of Interest</b></td>
<td><b>:</b></td>
<td><textarea id="a1" row="2" cols="20" required>
</textarea></td>

```

```

</tr>
<tr>
<td><b>Declaration</b></td>
<td><b>:</b></td>
<td><input type="radio" name="r1" value="m1">"Hereby I declare that the information
given above are true to my knowledge"</td>
</tr><br><br>
<tr>
<td align=center><input type="Submit" value="Submit"></td>
<td>
<input type="Reset" value="Clear"></td></tr>
</table></form></center>
</body>
</html>

```

Navigated Page:

tth.html:

```

<html>
<head>
<title>Navigated Page</title>
</head>
<body>
<center><h1><b>"Thank You For Entering the Details"</b></h1>
<h2><b>Your Registration is successful and details were recorded</b></h2>
</center>
</body>
</html>

```

External Css:

Externalcss.css

```

<style> .banner {
background-image:
url(https://media.istockphoto.com/photos/clear-night-sky-with-milky-wayand-huge-amount-of-stars-pictureid1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLAbg0F472ikBX9VPphbKqv6yr1NeI=);
}
</style>

```

Output:

Assignment 1 x Assignment 2 x +

File | C:/Users/ELCOT/Documents/IBM/Assg-2.html

Welcome All!!

Registration Form

Name :

Password :

Email :

Gender : ☐ Male ☐ Female

Date Of Birth :

Residential Address :

Permanent Address :

State :

Country :

College Name :

Field Of Study :

Year Of Studying :

Percentage of Pervious Year :

Ambition :

Field Of Interest :

Declaration : ☐ "Hereby I declare that the information given above are true to my knowledge"

Type here to search

20:20 24-10-2022

Navigated Page:

Assignment 1 x Navigated Page x +

File | C:/Users/ELCOT/Documents/IBM/tth.html

"Thank You For Entering the Details"

Your Registration is successful and details were recorded

Type here to search

20:32 24-10-2022

Question -3:

Create sample program for Flask HTTP methods (list or map and Perform operations of PUT, GET, DELETE and POST.

Solution:

Flask program:

```
from flask import Flask,redirect,url_for,request

app=Flask(__name__)

@app.route('/success/<name>') def
success(name):

    return 'welcome %s' %name

@app.route('/login',methods=['POST','GET'])

def login(): if request.method=='POST':

    user = request.form['nm']

    return redirect(url_for('success',name=user))

else:

    user=request.args.get('nm')

    return redirect(url_for('success',name=user))

if __name__=='__main__':

    app.run(debug=True)
```

login.html:

```
<html>
<body>
<form action="#" method="post">
<p>Name:</p>
<p><input type="text" name="nm" /></p>
<p><input type="submit" value="submit"/></p>
</form>
</body>
</html>
```

Output:

