

**Assignment -2**  
Html, Python-Flask Programming

Assignment Date	14 October 2022
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Student Roll Number	961819104025
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.

```
<html>
<head>
<title>
Assignment 2
</title>
<div class="banner">
<div>
<center><h1 style="color:white;"><strong> Welcome
All!!</strong></h1></center>
</div>
</div>
</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>
<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">
</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 code:

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>

```

## 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>
<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">
</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>

```

## Output:

The screenshot shows a web browser window with two tabs: 'Assignment 1' and 'Assignment 2'. The address bar shows the file path 'C:/Users/ELCOT/Documents/IBM/Assg-2.html'. The page has 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 vertical list of fields with labels on the left and input areas on the right. The fields are: Name (text input), Password (text input), Email (text input), Gender (radio buttons for Male and Female), Date Of Birth (calendar icon), Residential Address (text area), Permanent Address (text area), State (text input), Country (text input), College Name (text input), Field Of Study (dropdown menu showing 'Arts and Science'), Year Of Studying (dropdown menu showing '11 YEAR'), Percentage of Previous Year (text input), Ambition (text input), Field Of Interest (text input), and Declaration (radio button for 'Hereby I declare that the information given above are true to my knowledge'). At the bottom of the form are 'Submit' and 'Clear' buttons. The Windows taskbar is visible at the bottom of the browser window.

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 Previous Year :

Ambition :

Field Of Interest :

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

Submit Clear

## Navigated Page:

The screenshot shows a web browser window with one tab: 'Navigated Page'. The address bar shows the file path 'C:/Users/annem/OneDrive/Desktop/tth.html'. The page has a white background with the text 'Thank You For Entering the Details' in bold black font, followed by 'Your Registration is successful and details were recorded' in a smaller black font. The Windows taskbar is visible at the bottom of the browser window.

Navigated Page x +

File | C:/Users/annem/OneDrive/Desktop/tth.html

Thank You For Entering the Details

Your Registration is successful and details were recorded

### 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



