

Assignment -2
Html, Python-Flask Programming

Assignment Date	08 November 2022
Student Name	Jebin Dylene.J
Student Roll Number	961819104040
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>
<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:

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>

```

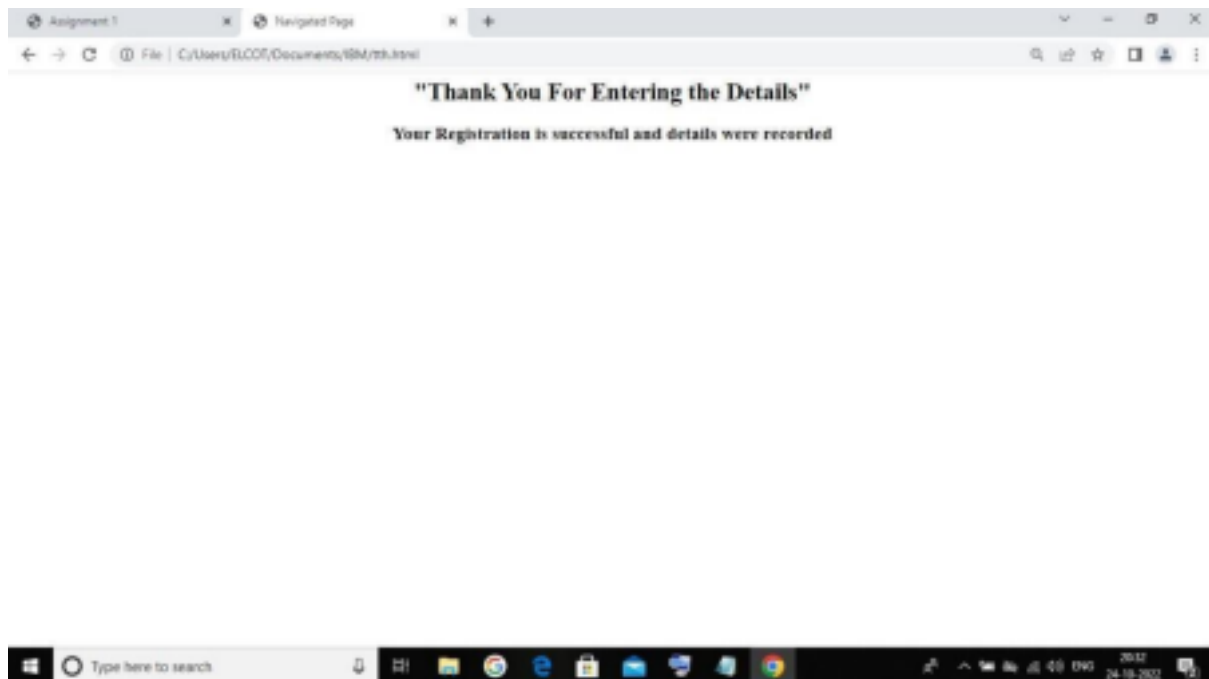
Output:

The screenshot displays a web browser window with two tabs: 'Assignment 1' and 'Assignment 2'. The active tab shows a file path: 'C:/Users/ELCOT/Documents/ITEM/Assg-2.html'. The browser's address bar and navigation buttons are visible. The webpage content features a dark blue header with the text 'Welcome All!!' and a title 'Registration Form'. Below the title is a registration form with the following fields and controls:

- Name: Text input field
- Password: Text input field
- Email: Text input field
- Gender: Radio buttons for 'Male' and 'Female'
- Date Of Birth: Date picker (dd-mm-yyyy)
- Residential Address: Text area
- Permanent Address: Text area
- State: Text input field
- Country: Text input field
- College Name: Text input field
- Field Of Study: Dropdown menu (Arts and Science)
- Year Of Studying: Dropdown menu (1 YEAR)
- Percentage of Previous Year: Text input field
- Ambition: Text input field
- Field Of Interest: Text input field
- Declaration: Radio button for 'I hereby declare that the information given above are true to my knowledge'
- Buttons: 'Submit' and 'Clear'

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons, including File Explorer, Google Chrome, and the Microsoft Store. The system clock indicates the time is 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>
<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>

```

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:

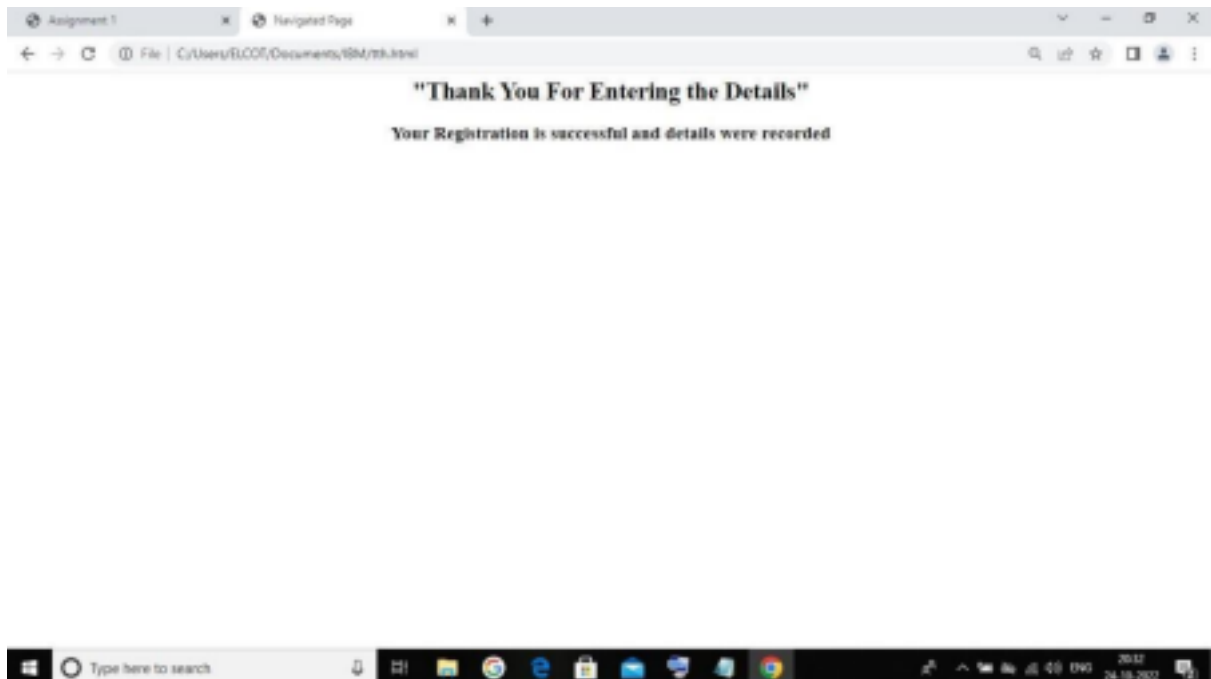
Externalcss.css

```
<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:

The screenshot displays a web browser window with two tabs: 'Assignment 1' and 'Assignment 2'. The active tab shows a file named 'C:\Users\RLOOF\Documents\SEM\Assign-2.html'. The webpage features a dark blue banner at the top with the text 'Welcome All!!' in white. Below the banner is a section titled 'Registration Form'. The form consists of several input fields and checkboxes arranged in two columns. The fields include: Name, Password, Email, Gender (with radio buttons for Male and Female), Date Of Birth (with a date picker), Residential Address, Permanent Address, State, Country, College Name, Field Of Study (with a dropdown menu), Year Of Studying (with a dropdown menu), Percentage of Previous Year (with a text input), Academic (with a text input), Field Of Interest (with a text input), and Declaration (with a checkbox). At the bottom of the form are two buttons: 'Submit' and 'Clear'. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons.

Navigated Page:



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:

