

Assignment -2

Html, Python-Flask Programming

Assignment Date	14 October 2022
Student Name	Jishi J
Student Roll Number	961819104046
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-
wayhttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-stars-
picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-
bq0F472ikBX9VPphbKqv6yr1Nel=and-huge-amount-of-stars-
picturehttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-stars-
picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-
bq0F472ikBX9VPphbKqv6yr1Nel=id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdo
PrGpeQLAhttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-
stars-picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-
bq0F472ikBX9VPphbKqv6yr1Nel=bq0F472ikBX9VPphbKqv6yr1Nel=\);
    }
</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">
</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:

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-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>
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</tr>
<tr>
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<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-wayhttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-stars-picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-bg0F472ikBX9VPphbKqv6yr1Nel=and-huge-amount-of-stars-picturehttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-stars-picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-bg0F472ikBX9VPphbKqv6yr1Nel=id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLAhttps://media.istockphoto.com/photos/clear-night-sky-with-milky-way-and-huge-amount-of-stars-picture-id1287456867?k=20&m=1287456867&s=170667a&w=0&h=EiLhEdoPrGpeQLA-bg0F472ikBX9VPphbKqv6yr1Nel=bq0F472ikBX9VPphbKqv6yr1Nel=);
}
</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:

