

Assignment -2
Html, Python-Flask Programming

Assignment Date	14 October 2022
Student Name	Asmita.N
Student Roll Number	961819104020
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>
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</tr>
<tr>
<td><b>Password</b></td>
<td><b>:</b></td>
<td><input type="password" name="pwd" required></td>
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<tr>
<td><b>Email</b></td>
<td><b>:</b></td>
<td><input type="email" id="email" required></td> </tr>
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<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>
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<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>
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<td><b>Country</b></td>
<td><b>:</b></td>
<td><input type="text" name="e2" required></td>
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<tr>
<td><b>College Name</b></td>
<td><b>:</b></td>
<td><textarea id="h1" name="r1" rows="2" cols="50" required>

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</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>
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<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>

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```

<optionvalue="III
YEAR">III YEAR</option>
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YEAR">IV YEAR</option>
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<td><b>:</b></td>
<td><textareaid="a1"row="
"2"cols="20"required>
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<tr><td><b>Field Of
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</tr>
<tr>
<td><b>Declaration</b></
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Navigated page code:
tth.html

```

<html>
<head>
<title>Navigated
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</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:

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quired></td></tr><tr><td><b>Gender</b></td><td><input type="text" value="Male" re
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></td><td><input type="radio" name="1" value="male">Male</td><td><input type="radio" name="2" value="female">Female</td></tr></table>
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/td><td><input type="radio" name="1" value="female">Female</td></tr></table>
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<tr><td align="center">input t

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area></td></tr><tr><td>Declaration</td><td>

d><td><textarea id="a1"row="2"cols="20"required></text

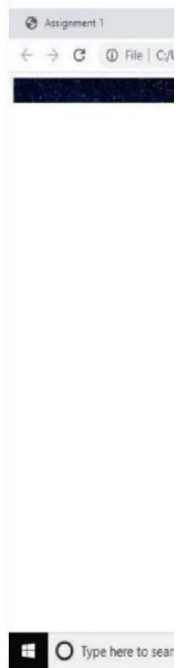
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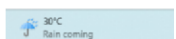
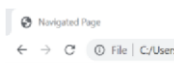
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Output:



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, jsonify
```

```
app = Flask(__name__)

@app.route('/')
def index():
    return jsonify({'message': 'Hello World'})

@app.route('/api/status', methods=['GET'])
def get_status():
    status = 'Online'
    return jsonify({'status': status})

@app.route('/api/status', methods=['POST'])
def set_status():
    data = request.get_json()
    status = data.get('status', 'Unknown')
    return jsonify({'status': status})

if __name__ == '__main__':
    app.run(debug=True)
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<input type="text" value="Name" />  
<input type="text" value="Password" />  
<input type="submit" value="Submit" />  
</form>  
</body>  
</html>
```

Output

