

Assignment -1
Registration Page Assignment

Assignment Date	19 September 2022
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Student Roll Number	621319104022
Maximum Marks	2 Marks

Question-1:

Create registration page in html with username, email, and phone number and by using POST method display it in next html page.

Home.html

```
<!DOCTYPE html>

<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Profile Details</title>
  <style type="text/css">
    body{
      background: rgb(2,0,36);
background: linear-gradient(90deg, rgba(2,0,36,1) 0%, rgba(9,9,121,1) 35%, rgba(0,212,255,1)
100%);
    }
    table{
      font-size: 24px;
      border-collapse: separate;
      border-spacing: 12px;
    }
    h3{
      color: azure;
    }
  </style>
</head>
<body>
```

```
<center>

<br><br>

<h1>Welcome {{ name }} !!</h1><br>

<form action="{{ url_for('output') }}" method="post">

<table>

<tr>

<h3>Name : {{ name }}<br></h3>

</tr>

<tr>

<h3>Email : {{ email }}<br></h3>

</tr>

<tr>

<h3>Mobile : {{ mobile }}<br></h3>

</tr>

</table><br><br>

</form>

</center>

</body>

</html>
```

output.html

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Registration Form</title>

<style type="text/css">

body{

background-color: antiquewhite;

}

table{
```

```
background-image: radial-gradient(circle, #5c0067 0%, #00d4ff 100%);
font-size: 24px;
border-collapse: separate;
border-spacing: 17px;
border-radius: 10px;
background-color: aliceblue;
color: aqua;
}
table input{
border: none;
width: 230px;
height: 25px;
background-color: rgb(254, 254, 254);
border-radius:15px;
font-size: 15px;
font-weight: bold;
font-style: italic;
}
.btn{
border-radius: 15px;
width: 150px;
text-align: center;
padding: 7px;
margin-top: -20px;
margin-right: -45px;
font-weight: bold;
justify-content: center;
}
</style>
</head>
<body>
```

```
<center>

<br><br>

<h1>Registration Form</h1><br>

<form action="{{ url_for('output') }}" method="post">

<table>

<tr>

<td>

<label>Name : </label>

</td>

<td>

<input type="text" id="name" name="name">

</td>

</tr>

<tr>

<td>

<label>Email : </label>

</td>

<td>

<input type="email" id="email" name="email">

</td>

</tr>

<tr>

<td>

<label>Mobile : </label>

</td>

<td>

<input type="text" id="mobile" name="mobile">

</td>

</tr>

</table><br><br>

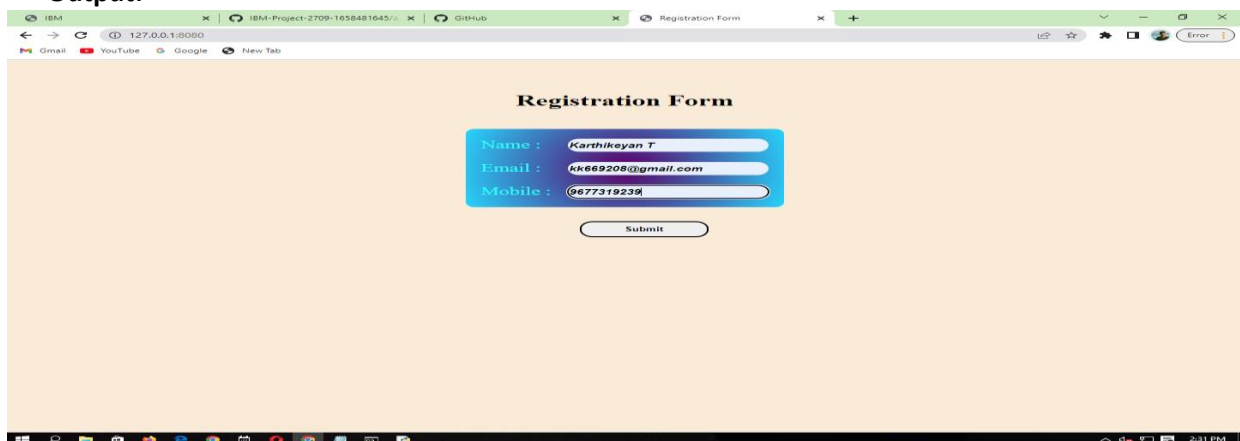
<input class="btn btn-outline-primary" type="submit" value="Submit">
```

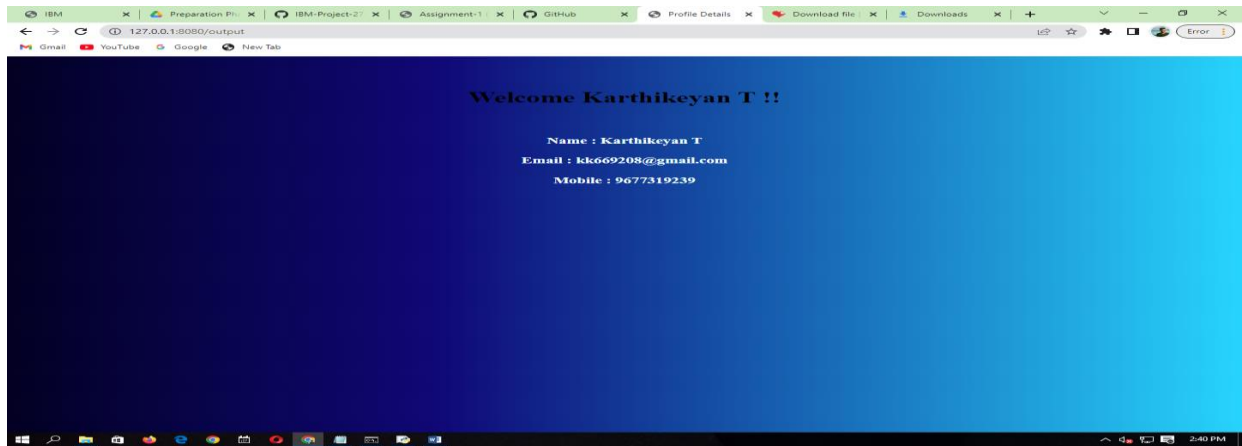
```
</form>
</center>
</body>
</html>
```

app.py

```
from flask import *;
import os
app = Flask(__name__)
@app.route('/', methods=['GET', 'POST'])
def Home():
    if request.method == 'POST':
        name = request.form["name"]
        email= request.form["email"]
        mobile = request.form["mobile"]
        return redirect(url_for('output', name=name, email=email, mobile=mobile))
    return render_template('Home.html')
@app.route("/output", methods=['GET', 'POST'])
def output():
    name = request.form.get('name')
    email= request.form.get('email')
    mobile = request.form.get('mobile')
    return render_template('output.html', name=name, email=email, mobile=mobile)
if __name__ == "__main__":
    app.run(debug=True, port=8080)
```

Output:





Question-2:

Develop a flask program which should contain at least 5 packages used from pypi.org.

Solution:

```
class Number(object):
```

```
    def __init__(self, n):
        self.value = n
```

```
    def val(self):
        return self.value
```

```
    def add(self, n2):
        self.value += n2.val()
```

```
    def __add__(self, n2):
        return self.__class__(self.value + n2.val())
```

```
    def __str__(self):
        return str(self.val())
```

```
@classmethod
```

```
def addall(cls, number_obj_iter):
    cls(sum(n.val() for n in number_obj_iter))
```