Assignment -1

Registration Page Assignment

Assignment Date	19 September 2022
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Student Roll Number	621319104037
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">
<h3>Name: {{ name }}<br></h3>
 <h3>Email : {{ email }}<br></h3>
 <h3>Mobile : {{ mobile }}<br></h3>
 <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>
```

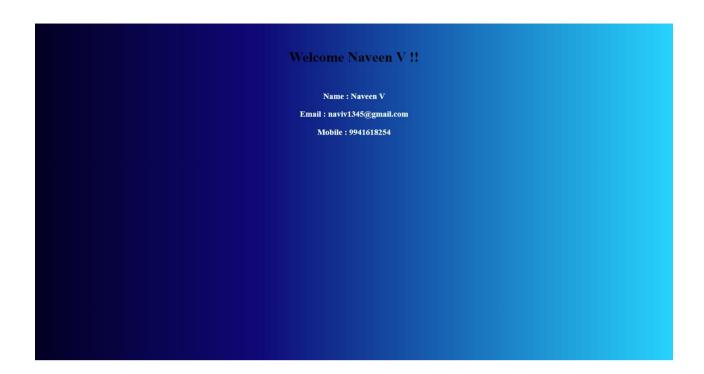
```
<center>
<br><br><
<h1>Registration Form</h1><br>
<form action="{{ url_for('output') }}" method="post">
<label>Name : </label>
 <input type="text" id="name" name="name">
 <label>Email: </label>
 <input type="email" id="email" name="email">
 <label>Mobile :</label>
 <input type="text" id="mobile" name="mobile">
 <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:

Registration Form





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))
```