Assignment -1

Python Programming

Question-1:

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

Solution:

```
<!DOCTYPE html>
<html>
<centre>
<body>

    <h3> Registration Form </h3>

    <form method="POST">
       <h4>User Name : </h4>
       <input type="text" name="f_name"><br>
       <h4>Email id : </h4>
       <input type="mail" name="l_name"><br>
       <h4>Phone no : </h4>
       <input type="number" name="l_name"><br><br>

       <input type="submit" value="Display" name="submit">
    </form>

</body>
</centre>

<?php // When the submit button is clicked
   if (isset($_POST['submit'])) {

      // Creating variables and
      // storing values in it
      $f_name = $_POST['f_name'];
      $l_name = $_POST['l_name'];

      echo "<h1><i> Good Morning, $f_name $l_name </i></h1>";
   }
?>
</html>
```

Question-2:

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

Solution:

```
>/root
>>run.py

>>/posts
```

```
>>>____init____.py
>>>views.py
>>>/templates
>>>/static
>>/auth
from flask import Flask
from auth import auth_app
from posts import posts_app
auth_app.run()
posts_app.run()


from flask import Flask
auth_app = Flask(__name__)
import auth.views
```

App.py

```python
from flask import Flask, render_template, request
app = Flask(__name__)

@app.route('/')
@app.route('/register')
def homepage():
    return render_template('register.html')

@app.route("/confim", methods=['POST', 'GET'])
def register():
    if request.method == 'POST':
        n = request.form.get('name')
        a = request.form.get('age')
        c = request.form.get('city')
        return  render_template('confirm.html',name=n,age=a,city=c)

if __name__ == "__main__":
    app.run(debug=True)
```

register.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Registration</title>
</head>
<body>
<form action="/confim" method="post">
    <label>Name</label>
    <input type="text" name="name">
     <label>Age</label>
    <input type="text" name="age">
     <label>City</label>
    <input type="text" name="city">
    <input type="submit" value="Register">
</form>
</body>
</html>
```

confim.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Register Success</title>
</head>
<body>
<h3>Registration Success</h3>
<table>
    <tr>
        <td>Name</td><td>{{name}}</td>
    </tr>
    <tr>
        <td>Age</td><td>{{age}}</td>
    </tr>
    <tr>
        <td>City</td><td>{{city}}</td>
    </tr>
 </table>
</body>
</html>
```