Assignment Date	19 September 2022
Student Name	Keerthiya R
Student Roll Number	621319104024
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.

Solution:

home.html

```
<!DOCTYPE html>

<html>

<head>

 <meta charset="utf-8">

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

 <title>Registration page</title>


 <style type="text/css">

  body{

   background-color: rgb(95, 179, 235);

  }

  table{

   font-size: 24px;

   border-collapse: separate;

   border-spacing: 12px;

  }

  table input{

   border: none;

   width: 230px;

   height: 25px;
```

```
      border-radius:3px;

      font-size: 20px;

    }

  </style>

</head>

<body>

  <center>

  <br><br>

  <h1>Registration</h1><br>

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

  <table>

    <tr>

      <td>

      <label>Name</label>

    </td>

    <td>

      <input type="text" class="name-input name mb-3" id="name" name="name">

    </td>

    </tr>

    <tr>

    <td>

      <label>Email</label>

    </td>

    <td>

      <input type="email" class="name-input name mb-3" id="email" name="email">

    </td>

    </tr>

    <tr>

    <td>

      <label>Mobile</label>
```

```html
                </td>
                <td>
                    <input type="number" class="name-input name mb-3" id="mobile" name="mobile">
                </td>
            </tr>
        </table><br><br>
        <input class="btn btn-outline-primary" type="submit" value="Submit">
    </form>
</center>
</body>
</html>
```

output.html

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>UI Profile</title>

    <style type="text/css">
        body{
            background-color: rgb(0, 101, 252);
        }
        table{
            font-size: 24px;
            border-collapse: separate;
            border-spacing: 12px;
        }
    </style>
</head>
```

```html
<body>
 <center>
 <br><br>
 <h1>Welcome!!!</h1><br>
 <form action="{{ url_for('result') }}" 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>
```

app.py

```python
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)
```
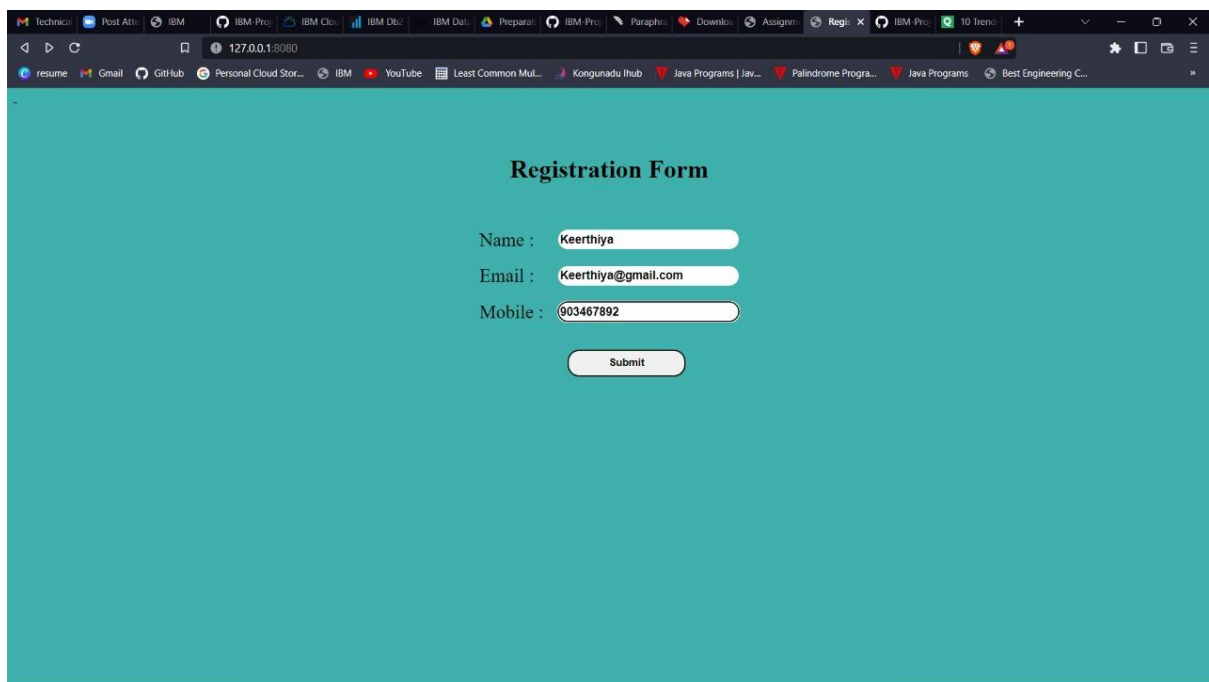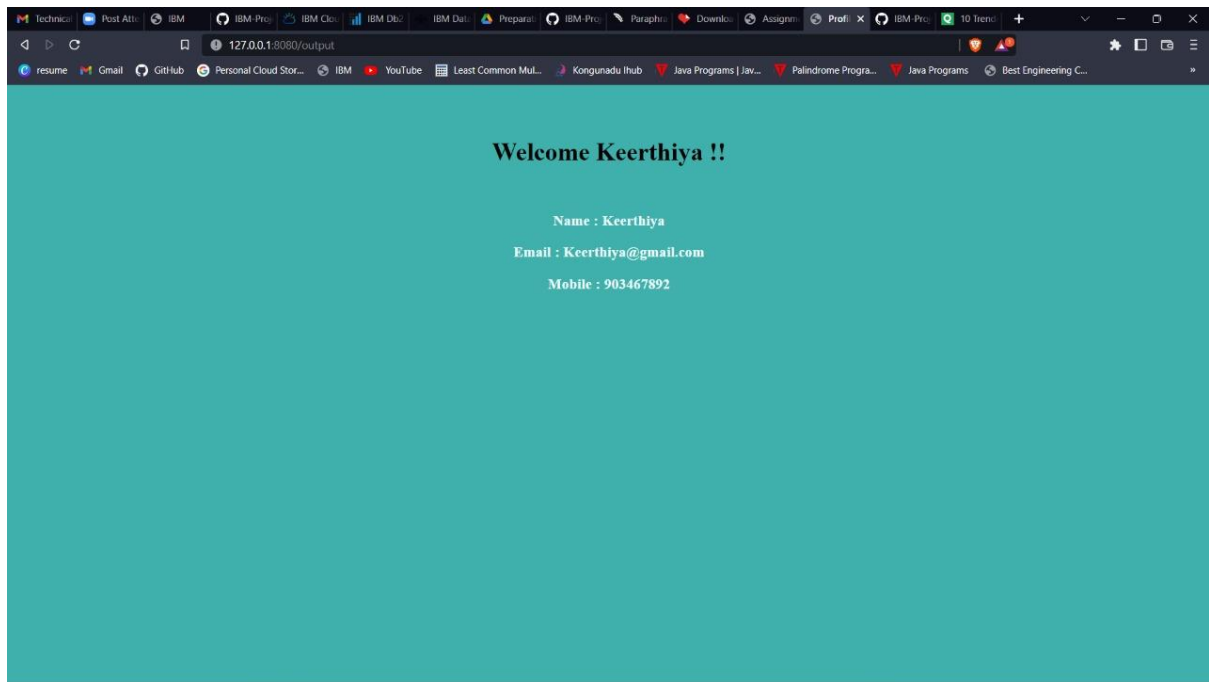
Output:

Welcome Keerthiya !!

Name : Keerthiya

Email : Keerthiya@gmail.com

Mobile : 903467892

Question-2:

Develop a flask program which should contain at least 5 packages used from pypi.org.
Suppose the following input is supplied to the program:
Solution:

```
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))
```