

Assignment -1
Python Programming

Assignment Date	12 October 2022
Student Name	Anand Michael M
Student Roll Number	962319104017
Maximum Marks	2 Marks

Question-1:

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

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

Solution:

Style.css:

```
*{
    margin: 0;
    padding: 0;
}

body{
    background-color: #40c995;
    width: 50%;
    margin: 150px auto;
    font-family: 'Michroma';
}

.form-div{
    width: 75%;
    margin: 15px auto;
    background-color: #ffc3c3;
    border-radius: 10px;
}

form{
    width: 60%;
    margin-top: 10px;
    padding-bottom: 20px;
    margin-left: auto;
    margin-right: auto;
}
```

```
h3{
  padding: 10px 0;
  text-align: center;
  font-size: 25px;
}

label{
  font-size: 15px;
}

form input{
  width: 100%;
  height: 30px;
  margin-bottom: 10px;
  text-indent: 10px;
  font-size: 16px;
}

/* for hiding the arrows*/
input::-webkit-outer-spin-button,
input::-webkit-inner-spin-button {
  -webkit-appearance: none;
  margin: 0;
}

.enter{
  width: 100%;
  background-color: #212121;
  padding: 8px 15px;
  font-size: 17px;
  color: white;
  border-style: solid;
  margin-top: 15px;
  border-radius: 8px;
  cursor: pointer;
}

.enter:hover{
  border-style: solid;
  border-radius: 8px;
  background-color:white ;
  color: #212121;
}

.inner{
  padding: 30px;
```

```

}

table{
  width: 80%;
  padding: 100px;
  margin: auto;
  border-collapse: collapse;
}

td, th{
  height: 40px;
  border: 1px solid black;
}

th{
  background-color: #212121;
  color: white;
}

td{
  padding-left: 10px;
}

th{
  width: 100%;
}

tr:nth-child(even) {
  background-color: #dddddd;
}

```

Base.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>{% block title %}{% endblock %}</title>

  <style>
    @import
url('https://fonts.googleapis.com/css2?family=Michroma&display=swap');

```

```
</style>

<link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">
</head>
<body>
    {% block main %}
    {% endblock %}
</body>
</html>
```

Display.html:

```
{% extends 'base.html' %}

{% block title %}
    Your Details
{% endblock %}

{% block main %}
    <div class="form-div">
        <div class="inner">
            <table>
                <th colspan="2">
                    Your Details
                </th>
                <tr>
                    <td>Name</td>
                    <td><strong>{{ name }}</strong></td>
                </tr>
                <tr>
                    <td>Email</td>
                    <td><strong>{{ email }}</strong></td>
                </tr>
                <tr>
                    <td>Phone Number</td>
                    <td><strong>{{ phone }}</strong></td>
                </tr>
            </table>
        </div>
    </div>
{% endblock %}
```

Index.html:

```
{% extends 'base.html' %}
```

```
{% block title %}
```

```
    Home
```

```
{% endblock %}
```

```
{% block main %}
```

```
    <div class="form-div">
```

```
        <h3>Enter your details</h3>
```

```
        <div>
```

```
            <form action="" method="post">
```

```
                <label>Name</label> <br>
```

```
                <input type="text" placeholder="Enter your Name"
name="name"/> <br>
```

```
                <label>Email</label> <br>
```

```
                <input type="text" placeholder="Enter your email"
name="email"/> <br>
```

```
                <label>Phone Number</label> <br>
```

```
                <input type="number" placeholder="Enter your phone number"
name="phone"/> <br>
```

```
                <button class="enter">Enter</button>
```

```
            </form>
```

```
        </div>
```

```
    </div>
```

```
{% endblock %}
```

```
_init_.py:
```

```
from flask import Flask # Flask object
```

```
from .views import blue # blue print
```

```
def create_app():
```

```
    app = Flask(__name__)
```

```
    # registering the blueprint with the app
```

```
    app.register_blueprint(blue, url_prefix='/')
```

```
    return app
```

```
Views.py:
```

```
from flask import Blueprint, request
from flask import render_template # for rendering the html templates

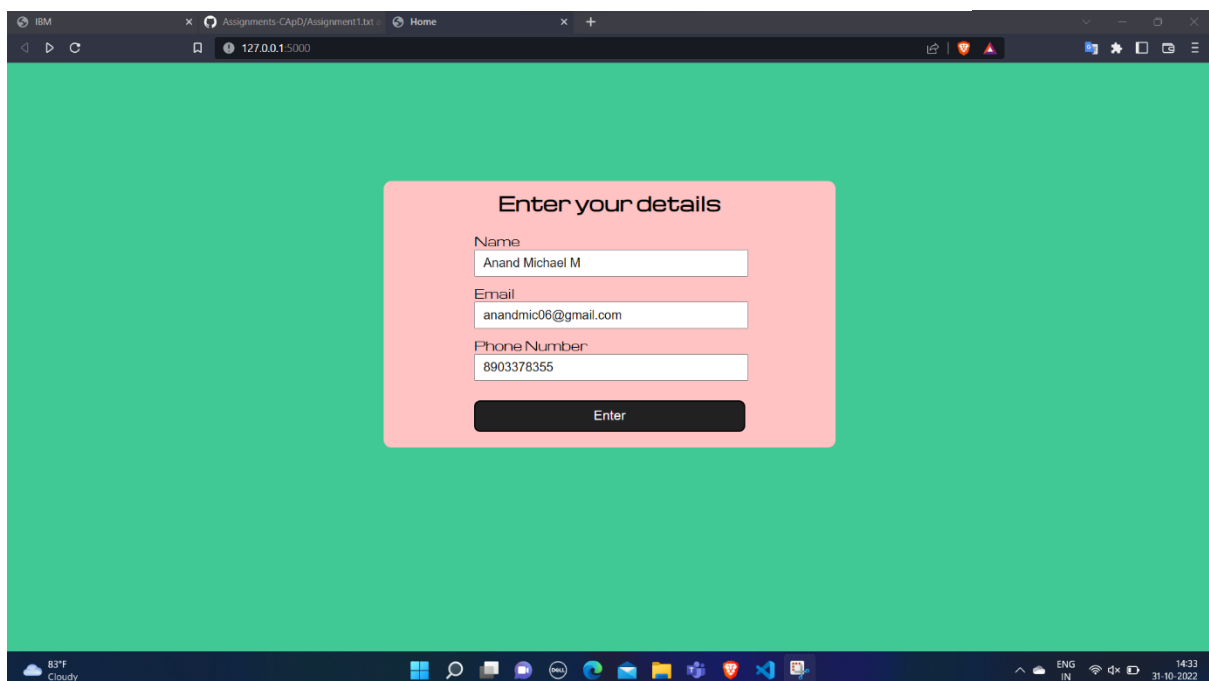
blue = Blueprint("print", "__name__")

@blue.route('/', methods=('GET', 'POST'))
def home():
    if request.method == 'POST':
        # getting the data entered by the user from the request
        name = request.form.get('name')
        email = request.form.get('email')
        phone = request.form.get('phone')

        return render_template('display.html',
                               name = name, email = email, phone = phone
                               )

    return render_template('index.html')
```

Output:



Your Details	
Name	Anand Michael M
Email	anandmic06@gmail.com
Phone Number	8903378355