

Assignment -1

Assignment Date	1-11-2022
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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:

App.py

```
from flask import Flask, redirect, url_for, request
app = Flask(__name__)

@app.route('/success/<string:name>/<string:ml>/<string:pn>')
def success(name, ml, pn):
    return "Welcome " + name + " !! <br><br> Your mail id is "+ml+" .<br><br> Your phone number is "+pn

@app.route('/login/', methods=['POST'])
def login():
    if request.method == 'POST':
```

Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" type="text/css" href="style.css">
    <title> Welcome to the login page </title>
</head>
<body>
    <form action="http://localhost:5000/login" method="POST">
        <h1>
            <center>LOGIN FORM </center>
        </h1>
        <div class="login">
            <p> Enter name :
                <input type="text" name="nm" />
            </p>
            <p> Enter mail id:
                <input type="email" name="mail" />
            </p>
            <p> Enter phone number:
```

```

        <input type="number" name="num" />
    </p>
    <p> <center><input id="submit" type="submit" value="submit"></center></p>
</form>
</div>
</body>
</html>

```

Style.css

```

body {
    margin: 0;
    padding: 0;
    background-color: #d60992ba;
    font-family: 'Arial';
}

```

```

.login {

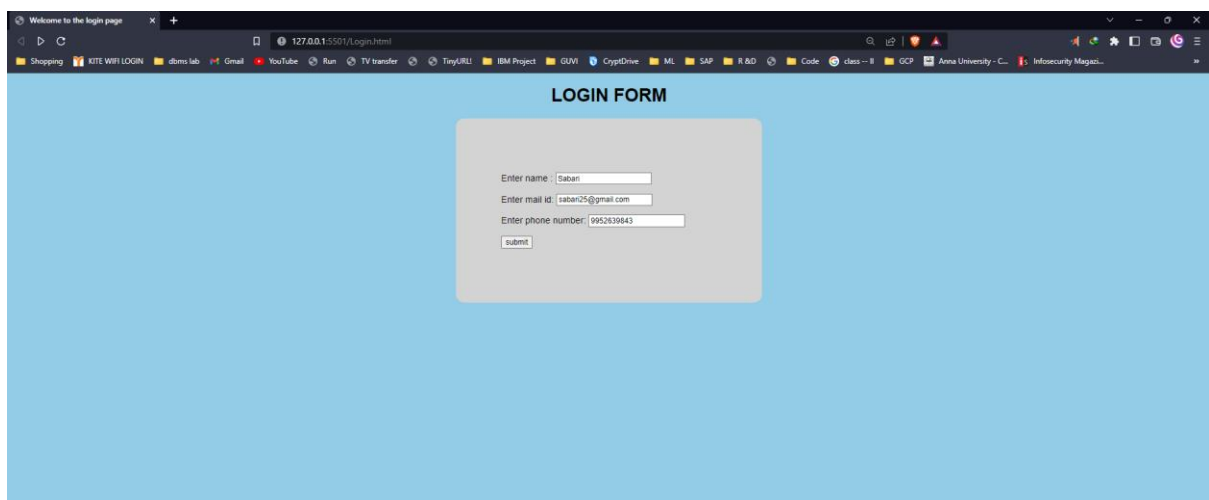
    width: 382px;
    overflow: hidden;
    margin: auto;
    margin: 20 0 0 450px;
    padding: 80px;
    background: #06e93f;
    border-radius: 15px;
}

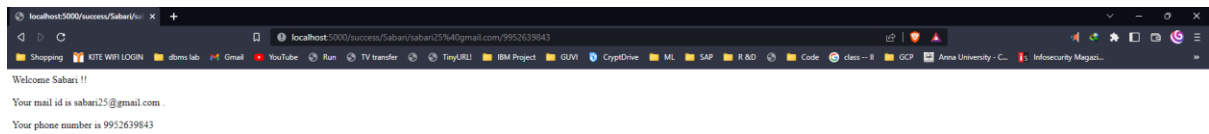
```

```

#submit{
    background: rgb(99, 66, 221);
    color: #ffff;
}

```





Question-2:

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

Solution:

App.py

```
from flask import Flask, render_template
app = Flask(__name__)
@app.route('/', methods=["GET", "POST"])
def index():
    return render_template('index.html')
@app.route('/Blog')
def blog():
    return render_template('blog.html')
```

Base.html

```
<!DOCTYPE html>
<html>
<head>
<title>PageTitle</title>
{%blockhead%}{%endblock%}
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCxwVvY5kfmNBILK2hRnQC3Pr17a+RTT6rIH7NnikvbZIHgTPOOmMi466C8"
crossorigin="anonymous">
</script>
</head>
<body>
<a href="/">HOME</a>
<a href="/Blog">BLOG</a>
<a href="/Signin">SIGNIN</a>
```

```

        <a href="/Signup">SIGNUP</a>
        <hr><br>
        <div class="container">
            {%block body%}{%endblock%}
        </div>
    </body>
</html>

```

Blog.html

```

{%extends 'base.html'%}
{%block head%}
<title>BlogPage</title>
{%endblock%}
{%block body%}
<h1>This is Sample Blog</h1>
<h2>
    <p>Hello, from Mr.X</p>
</h2>
{%endblock%}

```

Index.html

```

{%extends 'base.html'%}
{%block head%}
<title>HomePage</title>
{%endblock%}
{%block body%}
<h1>Hello everyone,</h1>
<div class="p-5 mb-4 bg-light rounded-3">
    <div class="container-fluid py-5">
        <h1 class="display-5 fw-bold">WIFITECHNOLOGY</h1>
        <p class="col-md-8 fs-4">Kubernetes (also known as k8s or “kube”) is an open source
            container orchestration platform that automates many of the manual processes involved in
            deploying, managing, and scaling containerized applications. </p>
    </div>
    </div>
{%endblock%}

```

Signup.html

```

{%extends 'base.html'%}
{%block head%}
<title>SignupPage</title>
{%endblock%}
{%block body%}
<h1>SignupPage</h1>
<form action="/Signup" method="POST">
    <label>Name</label><br>

```

```
<input type="text" name="name"><br><br>
<label>Email</label><br>
<input type="email" name="email"><br><br>
<label>Phone</label><br>
<input type="text" name="phone"><br><br>
<label>Password</label><br>
<input type="password" name="name"><br><br>
<label>Retype Password</label><br>
<input type="password" name="name"><br><br><br>
<input type="submit" class="btn btn-primary">
</form>
{%endblock%}
```

Signin.html

```
{%extends 'base.html'%}
{%block head%}
<title>SigninPage</title>
{%endblock%}
{%block body%}
<h1>SigninPage</h1>
<form action="/Signin" method="POST"> <label>Email</label><br>
  <input type="email" name="email"><br><br>
  <label>password</label><br>
  <input type="password" name="name"><br><br>
  <input type="submit" class="btn btn-primary">
</form>
{%endblock%}
```