

## ASSIGNMENT-1

Assignment Date	01-11-2022
Student Name	KEERTHANA S
Student Roll Number	711719104044
Team ID	PNT2022TMID31596

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

Program:

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':
        user = request.form['username']
        mailid = request.form['email']
        phnum = request.form['pn']
    return redirect(url_for('success', name=user, ml=mailid, pn=phnum))

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

Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Welcome </title>
    <link rel="stylesheet" href="index.css">
    <style>

</style>
</head>
<body>
    <div class="box">
        <h2>Sign in</h2>
        <br>
```

```
<form action="http://127.0.0.1:5000/login" method="POST">

    <label>User Name :</label>
    <input type="text" name="username"/>
    <br><br>
    <label>Email Id:</label>
    <input type="email" name="email"/>
    <br><br>
    <label>Phone Number:</label>
    <input type="pn" name="pn"/>
    <br><br>
    <input type="submit" value="submit">

</form>
</div>
</body>
</html>
```

### Style.css

```
body {
    margin: 0;
    padding: 0;
    background-size: cover;
    font-family: sans-serif;
}

.box {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    width: 25rem;
    padding: 2.5rem;
    box-sizing: border-box;
    border: 1px solid #eb8e15;
    -webkit-border-radius: 8px;
    border-radius: 8px;
}

.box h2 {
    margin: 0px 0 -0.125rem;
    padding: 0;
    color: rgb(245, 190, 9);
    text-align: center;
    color: #f1ac15;
    font-family: 'Google Sans', 'Noto Sans Myanmar UI', arial, sans-serif;
    font-size: 24px;
    font-weight: 400;
}

.box p {
```

```

    font-size: 16px;
    font-weight: 400;
    color: #f1ac15;
    letter-spacing: .1px;
    line-height: 1.5;
    margin-bottom: 25px;
    text-align: center;
}

.box .inputBox
{ position:
  relative;
}

.box .inputBox input
{width: 93%;
padding: 0.625rem 10px;
font-size: 1rem;
letter-spacing: 0.062rem;
margin-bottom: 1.875rem;
border: 1px solid rgb(204, 204, 204);
background: transparent;
border-radius: 4px;
}

.box .inputBox label
{      position:
  absolute;top: 0;
  left: 10px;
padding: 0.625rem 0;
font-size: 1rem;
color: rgb(243, 157, 28);
pointer-events: none;
transition: 0.5s;
}

.box .inputBox input:focus~label,
.box .inputBox input:valid~label,
.box .inputBox input:not([value=""])~label
{top: -1.125rem;
left: 10px;
color: #e8a01a;
font-size: 0.75rem;
background-color: white;
height: 10px;
padding-left: 5px;
padding-right: 5px;
}

.box .inputBox input:focus
{outline: none;
border: 2px solid #e87e1a;
}

.box input[type="submit"] {

```

```
border: none;
outline: none;
color: #fff;
background-color: #e8961a;
padding: 0.625rem 1.25rem;
cursor: pointer;
border-radius: 0.312rem;
font-size: 1rem;
float: right;
}

.box input[type="submit"]:hover
{background-color: #eccc13;
 box-shadow: 0 1px 1px 0 rgba(66, 133, 244, 0.45), 0 1px 3px 1px rgba(66, 133, 244, 0.3);
}
```

### Sign in

User Name :

Email Id:

Phone Number:

Welcome keerthana !!

Your mail id is keerthana123@gmail.com

Your phone number is 9999988888

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

**index.html:**

```
<!DOCTYPEhtml>

<html>

<head>

<title>PageTitle</title>

{%blockhead%}{% endblock%}

<linkhref="https://cdn.jsdelivrivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.
min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro
ssorigin="anonymous">

<scriptsrc="https://cdn.jsdelivrivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.b
undle.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZlHgTPOOmMi4
66C8"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>

<divclass="container">

{%blockbody%}{%endblock%}

</div>

</body>

</html>
```

**blog.html:**

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

{%blockhead%}

<title>BlogPage</title>
```

```
{%endblock%}
{%blockbody%}
<h1>ThisisSamleBlog</h1>
<h2><p>Hello,fromMr.X</p></h2>
{%endblock%}
```

#### **index.html:**

```
{%extends'base.html'%}
{%blockhead%}
<title>HomePage</title>
{%endblock%}
{%blockbody%}
<h1>Helloeveryone,</h1>
<divclass="p-5mb-4bg-lightrounded-3">
<divclass="container-fluidpy-5">
<h1class="dispay-5fw-bold">WIFITECHNOLOGY<h1>
<pclass="col-md-8fs-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'%}
{%blockhead%}
<title>SignupPage</title>
{%endblock%}
{%blockbody%}
<h1>SignupPage</h1>
<formaction="Signup"method="POST">
<label>Name</label><br>
<inputtype="text"name="name"><br><br>
<label>Email</label><br>
<inputtype="email"name="email"><br><br>
<label>Phone</label><br>
<inputtype="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>Signin Page</title>
{%endblock%}
{%block body%}
<h1>Signin Page</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%}
```

### **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')
```

```
@app.route('/Signup')
```



```
def signup():  
    return render_template('signup.html')  
  
@app.route('/Signin')  
def signin():  
    return render_template('signin.html')  
  
if __name__ == '__main__':  
    app.run(debug=True)
```