ASSIGNMENT-1

Assignment Date	01-11-2022
Student Name	GOKULKRISHNAN V
Student Roll Number	711719104303
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:pnm>')
def success(name,ml,pnm):
 return "Welcome " + name +" !! <br><br> Your mail id is "+ml+" <br><br>Your phone number is "+pnm
@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,pnm=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>
```

```html
                <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

```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 {
```

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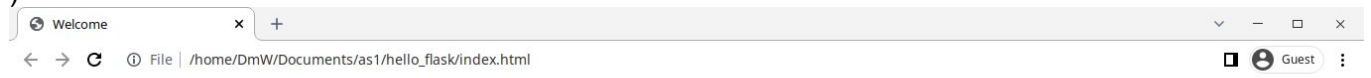
```
    border: none;
    outline: none;
    color: #fff;
    background-color: #e8961a;
    padding: 0.625rem 1.25rem;
    cursor: pointer;
    border-radius: 0.312rem;
    font-size: 1rem;
    float: right;
}

.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);
)
```

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.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"

rel="stylesheet" integrity="sha384-

iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro

ssorigin="anonymous">

<scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"

integrity="sha384-

u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi4

66C8"crossorigin="anonymous">

</script>

</head>

<body>

```html
<ahref="/">HOME</a>
<ahref="/Blog">BLOG</a>
<ahref="/Signin">SIGNIN</a>
<ahref="/Signup">SIGNUP</a>
<hr><br>
<divclass="container">
{%blockbody%}{%endblock%}
</div>
</body>
</html>
```

blog.html:

```html
{%extends'base.html'%}
{%blockhead%}
<title>BlogPage</title>
{%endblock%}
{%blockbody%}
<h1>ThisisSamleBlog</h1>
<h2><p>Hello,fromMr.X</p></h2>
{%endblock%}
```

index.html:

```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>
<inputtype="password"name="name"><br><br>
<label>RetypePassword</label><br>
<inputtype="password"name="name"><br><br><br>
<inputtype="submit"class="btnbtn-primary">
</form>
{%endblock%}
```

signin.html:

```
{%extends'base.html'%}
{%blockhead%}
<title>SigninPage</title>
{%endblock%}
{%blockbody%}
<h1>SigninPage</h1>
<formaction="/Signin"method="POST">
<label>Email</label><br>
```

```html
<inputtype="email"name="email"><br><br>
<label>password</label><br>
<inputtype="password"name="name"><br><br>
<inputtype="submit"class="btnbtn-primary">
</form>
{%endblock%}
```

app.py:
```python
fromflaskimportFlask,render_te
mplateapp=Flask(name)
@app.route('/',methods=["GET","
POST"])defIndex():
 returnrender_template('index.html')@app.ro
ute('/Blog')
defBlog(): returnrender_template('blog.html')@app.rou
te('/Signup')
defSignup():
 returnrender_template('signup.html')@app.route('
/Signin')
defSignin():
 returnrender_template('signi
n.html')

 ifname _____=='main':
 app.debug=Trueap.run
```