

ASSIGNMENT-1

Assignment Date	01-11-2022
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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 gokulkrishnan !!

Your mail id is goku@gmail.com

Your phone number is 9898900121

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/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro
ssorigin="anonymous">

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

integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZlHgTPOOmMi4
66C8"crossorigin="anonymous">

</script>

</head>

<body>

<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:

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

```
{%blockhead%}  
<title>BlogPage</title>  
{%endblock%}  
{%blockbody%}  
<h1>This is Samle Blog</h1>  
<h2><p>Hello, from Mr.X</p></h2>  
{%endblock%}
```

index.html:

```
{%extends'base.html'%}  
{%blockhead%}  
<title>HomePage</title>  
{%endblock%}  
{%blockbody%}  
<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'%}  
{%blockhead%}  
<title>SignupPage</title>  
{%endblock%}  
{%blockbody%}  
<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%}

```

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)
```