

## ASSIGNMENT-1

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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: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['nm']
        mailid = request.form['mail']
        phnum = request.form['num']

        return redirect(url_for('success', name=user, ml=mailid, pnm=phnum))

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

#### Login.html

```
<html>
<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>REGISTRATION FORM </center></h1>
    <div class= regcenter>
        <div class=login>
            <p> Enter name :
                <input type="text" name="nm"/></p>
            <p> Enter mail id:
                <input type="email" name="mail"/></p>
```

```
<p> Enter phonumber:
  <input type="number" name="num"/></p>
<p> <input type="submit" value="submit"></p>
</form>
</div>
</div>
</body>
</html>
```

## Style.css

```
body
{
margin: 0;
padding: 0;
background-color:#d1fa05ba; font-family: 'Arial';
}

.regcenter {
float: center;
display: block;
margin-top: 10%;
margin-left: 5%;
}

.login{
width: 382px; overflow: hidden; margin: auto;
margin: 20 0 0 450px; padding: 80px; background: #70eadf; border-radius: 15px ;
}

}
```

REGISTRATION FORM

Enter name :

Enter mail id:

Enter phone number:



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

**base.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>
<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'%}

{%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>

```

<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.ht
ml')

@app.route('/Blog')

def blog():

    return
    render_template('blog.htm
l')

@app.route('/Signup')

def signup():

    return
    render_template('signup.h
tml')

```

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

def signin():

    return
    render_template('signin.ht
ml')

if __name__ == '__main__':

    app.run(debug=True)
```