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:pnm>') def
success(name,ml,pnm):
    return "Welcome " + name +" !! <br><br> Your mail id is "+ml+" .<br><br> Your phonenumber 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>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>
```
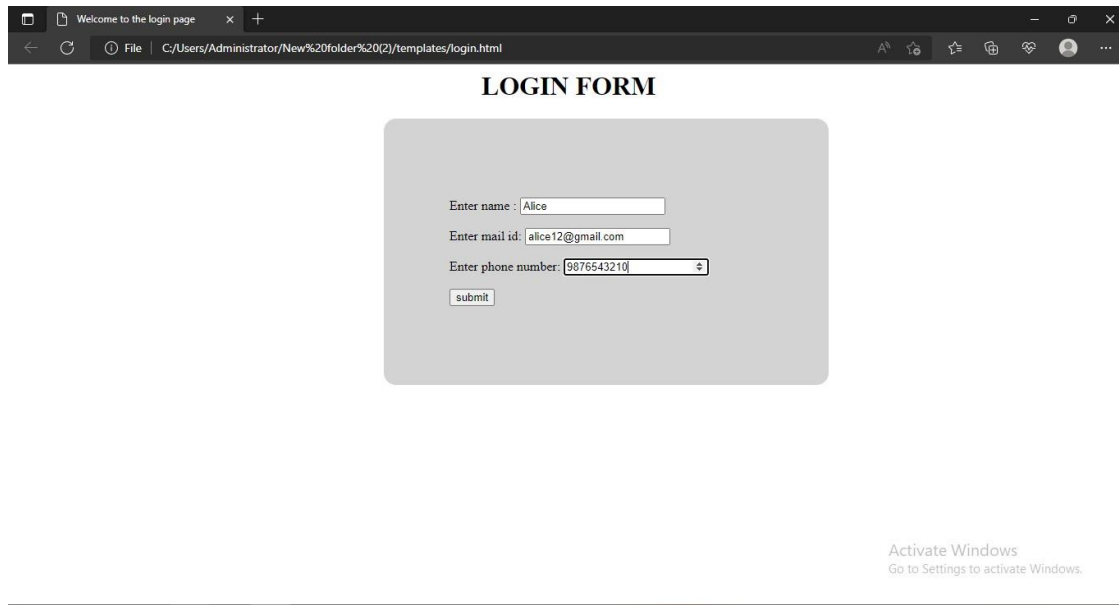
```
    <p> Enter phone number:
        <input type="number" name="num"/></p>
    <p> <input type="submit" value="submit"></p>
</form>
</div>
</body>
</html>
```

Style.css

```
body
{
    margin: 0;
    padding: 0;
    background-color:#6abadeba;
    font-family: 'Arial';
}

.login{
        width: 382px;
        overflow: hidden;
        margin: auto;
        margin: 20 0 0 450px;
        padding: 80px;
        background: #D3D3D3;
        border-radius: 15px ;

}
```

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/T2uDLTpkwGzCiq6soy8tYaI1GyVh/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+RTT6rIHI7NnikvbZlHgTPOOmMi4

66C8"crossorigin="anonymous">

</script>

</head>

<body>

```html
<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:

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

{% block head %}

<title>BlogPage</title>

{% endblock %}

{% block body %}

<h1>ThisisSamleBlog</h1>

<h2><p>Hello,from Mr.X</p></h2>

{% endblock %}
```

index.html:

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

{% block head %}

<title>HomePage</title>

{% endblock %}

{% block body %}

<h1>Helloeveryone,</h1>

<div class="p-5mb-4bg-lightrounded-3">

<div class="container-fluidpy-5">

<h1 class="dispay-5fw-bold">WIFITECHNOLOGY<h1>

<p class="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.route('/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
```