

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.**

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>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>
```

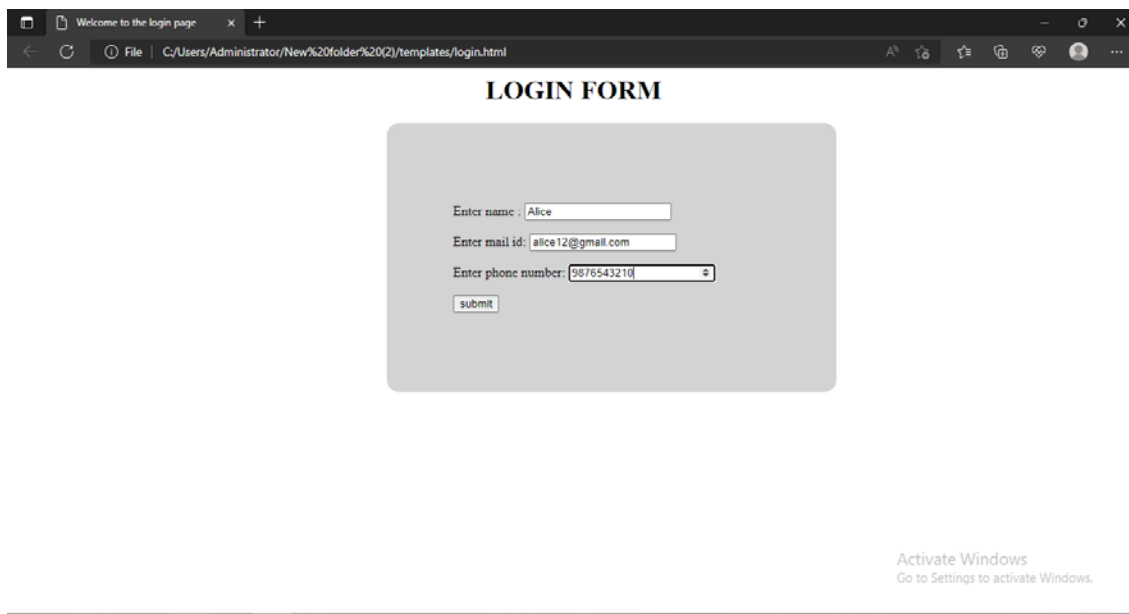
```
</div>
</body>
</html>
```

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.jsdelivrivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"crossorigin="a
nonymous">
<scriptsrc="https://cdn.jsdelivrivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"crossorigi
n="anonymous">
</script>
</head>
<body>
<a href="/">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>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">Wi-
Fiisawirelessnetworkingtechnologythatalloesdevicessuchascomputers(laptopsanddesktops),mobilede-
vices(smartphones
andwearables),andotherequipment(printersandvideocameras)tointerfacewith
theInternet.

```

</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>

<inputtype="text"name="name">

<label>Email</label>

<inputtype="email"name="email">

<label>Phone</label>

<inputtype="text"name="phone">

<label>Password</label>

<inputtype="password"name="name">

<label>RetypePassword</label>

<inputtype="password"name="name">

<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>
<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:
```

```
fromflaskimportFlask,render_template
```

```
app=Flask(name)
```

```
@app.route('/',methods=["GET","POST"]
```

```
)defIndex():
```

```
    returnrender_template('index.html')@app.route('/Blog')

```

```
defBlog():
```

```
    returnrender_template('blog.html')@app.route('/Signup')

```

```
defSignup():
```

```
    returnrender_template('signup.html')@app.route('/Signin')

```

```
defSignin():
```

```
    returnrender_template('signin.html')

```

```
ifname__=='main':
```

```
    app.debug=Trueapp.run

```