

Assignment -2

| | |
|---------------------|-------------------|
| Assignment Date | 24 September 2022 |
| Student Name | Ms. Shrimathi.S |
| Student Roll Number | 950019104042 |
| Maximum Marks | 2 Marks |
| Team ID | PNT2022TMID49592 |

1.Create registration page in html with username, email and phone number and by using POST method display it in next html page.

PROGRAM:

login.html:

```
<html>
<head>
<title>Flask</title>
</head>
<body>
  <form action = "/login" method = "post">
    <p> Enter name:</p>
    <p><input type = "text" name = "user" /></p>
    <p> Enter email:</p>
    <p><input type = "text" name= "email" /></p>
    <p> Enter mobile number:</p>
    <p><input type = "number" name= "number" /></p>
    <p><input type = "submit" value = "submit" /></p>
  </form>
  <b>{{y}}</b>
</body>
</html>
```

login.py

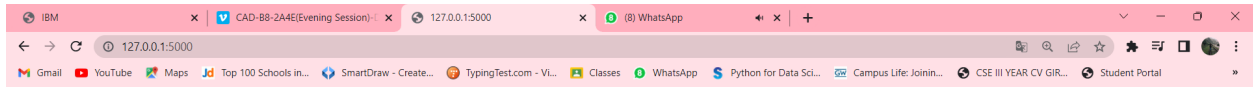
```
from flask import Flask, render_template, redirect, request
app = Flask(__name__)
```

```
@app.route('/')
def home():
    return 'welcome <a href="/login">click here</a>'
```

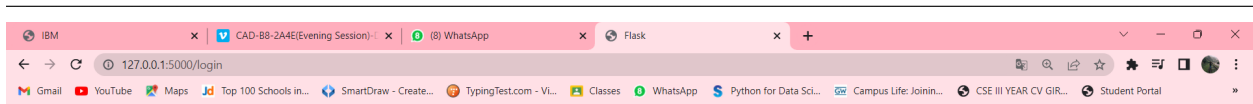
```
@app.route('/login',methods = ['POST', 'GET'])
def login():
```

```
if request.method == 'POST':  
    user = request.form['user']  
    mail = request.form['email']  
    number = request.form['number']  
    return redirect('/')  
return render_template("login.html")  
  
if __name__ == '__main__':  
    app.run(debug=True)
```

OUTPUT:



welcome [click here](#)

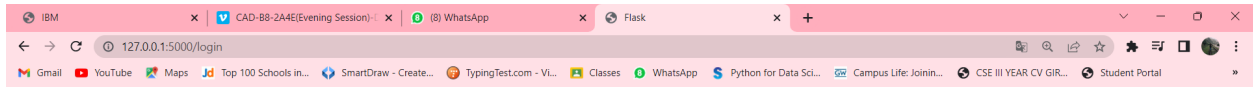


Enter name:

Enter email:

Enter mobile number:

submit



Enter name:

shri

Enter email:

mathishri19@gmail.com

Enter mobile number:

0486943399

submit

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

PROGRAM:

App.py

```
from flask import Flask, render_template
```

```
app = Flask(__name__)
```

```
@app.route("/")
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()
```

Index.html

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

{% block head %}
    <title>Home Page</title>
{% endblock %}

{% block body %}
    <h1>Hello everyone I am shrinathi,</h1>
    <h2><p>This is my Home Page</p></h2>

    <div class="p-5 mb-4 bg-light rounded-3">
        <div class="container-fluid py-5">
            <h1 class="display-5 fw-bold">Food service</h1>
            <p class="col-md-8 fs-4">Food is any substance consumed to provide nutritional support
for an organism. Food is usually of plant, animal or fungal origin, and contains essential
nutrients, such as carbohydrates, fats, proteins, vitamins, or minerals.</p>
            <button class="btn btn-primary btn-lg" type="button"> click here!</button>
        </div>
    </div>

{% endblock %}
```

Signin.html

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

{% block head %}
    <title>Signin Page</title>
{% endblock %}

{% block body %}
    <h1>Signin Page</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 %}
```

Signup.html:

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

```
{% block head %}
    <title>Signup Page</title>
{% endblock %}
```

```
{% block body %}
```

```
    <h1>Signup Page</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 %}
```

Blog.html:

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

{% block head %}
    <title>Blog Page</title>
{% endblock %}

{% block body %}
    <h1> Welcome to my blog ! This is My Blog</h1>
    <h2><p>Hello, form Home Page</p></h2>
{% endblock %}
```

Base.html:

```
<!DOCTYPE html>
<html>
<head>

    <title>Page Title</title>

    {% block head %} {% endblock %}
    <!-- <link rel="stylesheet" href="static/css/style.css"> -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT
" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZIHgTPOOmMi
466C8" crossorigin="anonymous"></script>
</head>
<body>

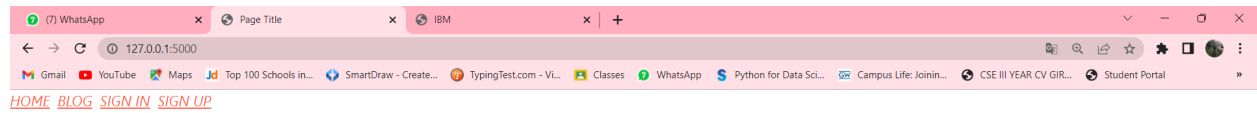
    <a href="/">HOME</a>
    <a href="/blog">BLOG</a>
    <a href="/signin">SIGN IN</a>
    <a href="/signup">SIGN UP</a>
    <hr><br>
    <div class="container">
        {% block body %} {% endblock %}

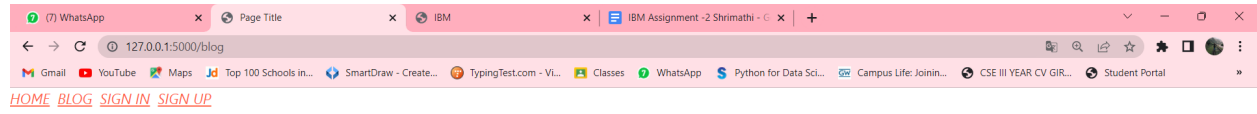
    </div>

</body>
```

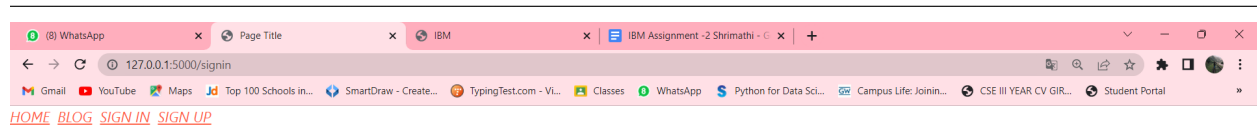
</html>

OUTPUT:





Welcome to my blog ! This is My Blog
Hello, form Home Page

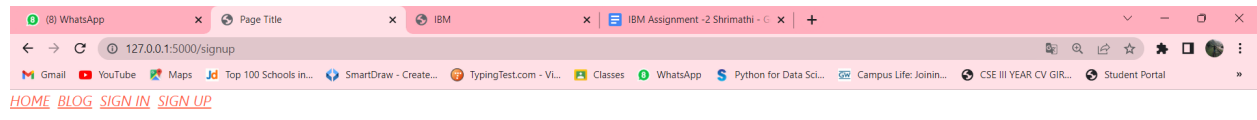


Signin Page

Email

password

Submit



Signup Page

Name

Email

Phone

Password

Retype Password

Submit

To run the above app.py file:

```
Administrator: Command Prompt - flask run
* Serving Flask app 'login'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 144-432-557
127.0.0.1 - - [24/Sep/2022 22:55:37] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [24/Sep/2022 22:55:45] "GET /login HTTP/1.1" 200 -

C:\flask>flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [24/Sep/2022 22:57:49] "GET /login HTTP/1.1" 404 -

C:\flask>flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [24/Sep/2022 22:58:08] "GET /login HTTP/1.1" 404 -
127.0.0.1 - - [24/Sep/2022 22:58:09] "GET /login HTTP/1.1" 404 -
127.0.0.1 - - [24/Sep/2022 22:58:09] "GET /login HTTP/1.1" 404 -
127.0.0.1 - - [24/Sep/2022 22:58:23] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [24/Sep/2022 22:58:30] "GET /signin HTTP/1.1" 200 -
127.0.0.1 - - [24/Sep/2022 22:58:31] "GET /signup HTTP/1.1" 200 -
```