

Assignment:2

Team id	PNT2022PMID49593
Project Name	Plasma Donor Application
Name	Sindhu R
Roll No	950019104043

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, render_template, request, redirect
app = Flask(__name__)
@app.route('/')
def home():
    return 'Welcome! <a href="/login">Register here</a>'

@app.route('/login', methods=['POST', 'GET'])
def login():
    if request.method == 'POST':
        userName = request.form['userName']
        userEmail = request.form['userEmail']
        userPassword = request.form['userPassword']
        return redirect('/')
    return render_template("form.html")

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

form.html

```
<form method="POST">

    <div class="form-inline">
        <div class="form-group">
            <input type="text" class="line-input" name="userName"
placeholder="Username">
        </div>
        <div class="form-inline">
            <div class="form-group">
                <input type="email" class="line-input" name="userEmail"
placeholder="Email">
            </div>
            <div class="form-group">
                <input type="password" class="line-input" name="userPassword"
placeholder="Password">
            </div>
        </div>
    </div>
</form>
```

```
    </div>
  </div>
  <div class=" form-group">
    <button type="submit" class="btn btn-light text-primary btn-block"
style="margin : 20px 20px -10px 0px">Register</button>
  </div>

</form>
```

OUTPUT:



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

Base.html

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

    {% 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-
u10knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
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>
```

Blog.html

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

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

{% block body %}
    <h1>This is My Blog</h1>
    <h2><p>Hello, from Home Page</p></h2>
```

```
{% endblock %}
```

Index.html

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

{% block head %}
    <title>Home Page</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">CLOTHING WORLD !</h1>
            <p class="col-md-8 fs-4">Clothing (also known as clothes, apparel,
and attire) are items worn on the body. Typically, clothing is made of fabrics
or textiles, but over time it has included garments made from animal skin and
other thin sheets of materials and natural products found in the environment,
put together. The wearing of clothing is mostly restricted to human beings and
is a feature of all human societies</p>

            </div>
        </div>
{% 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 %}

```

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 %}

```

app.py

```

from flask import Flask, render_template

app = Flask(__name__)

@app.route("/")
def index():
    return render_template('index.html')

```

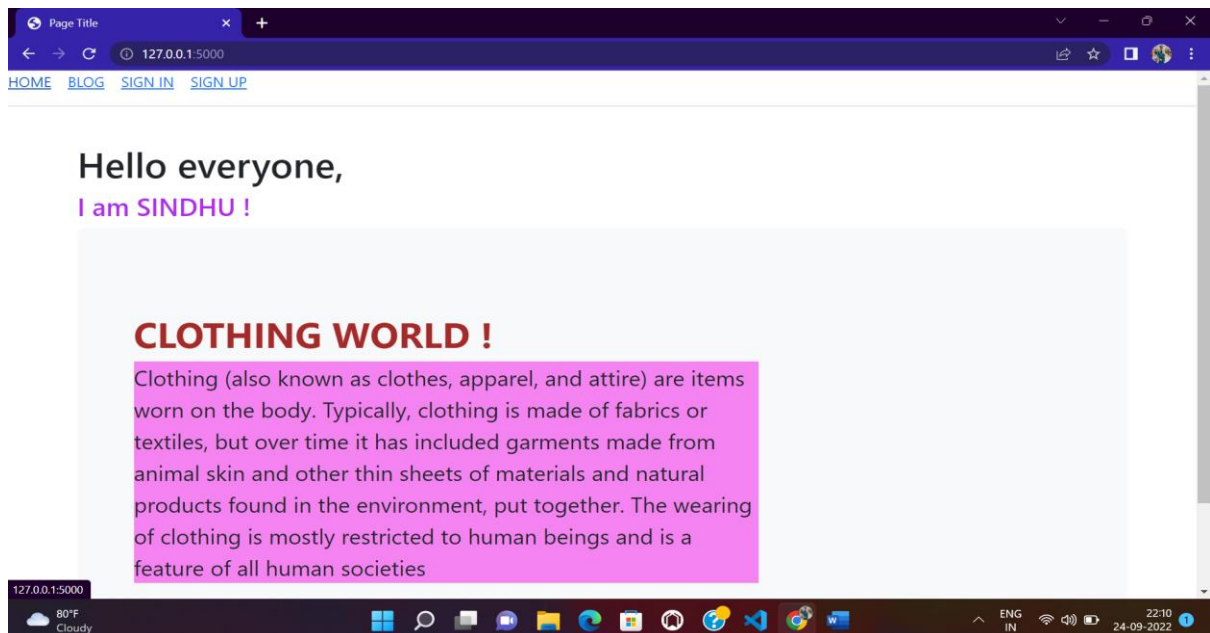
```
@app.route("/blog")
def blog():
    return render_template('blog.html')

@app.route('/signup')
def signup():
    return render_template('signup.html')

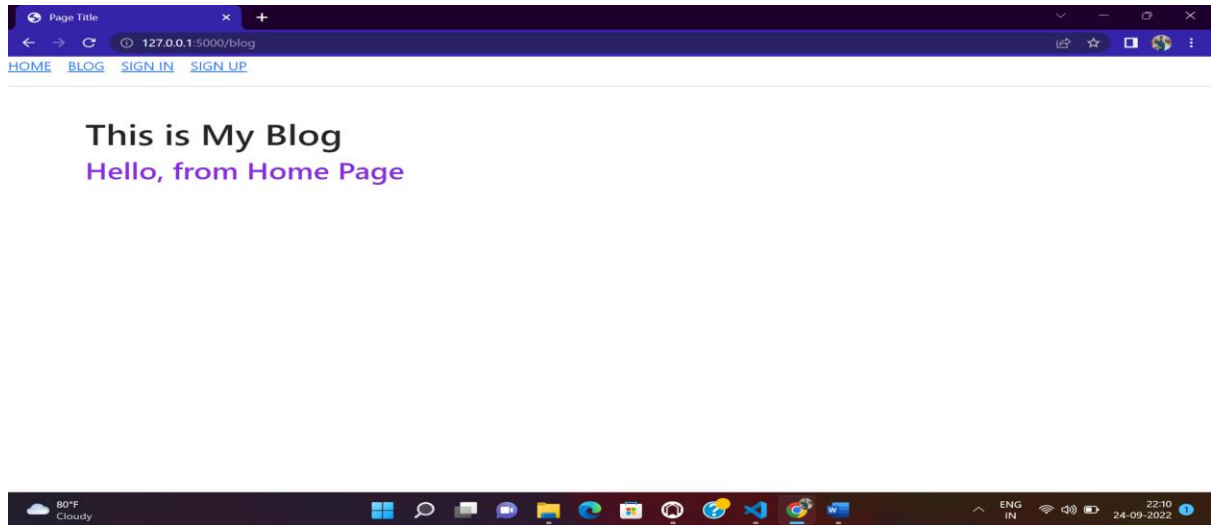
@app.route('/signin')
def signin():
    return render_template('signin.html')
if __name__ == '__main__':
    app.run()
```

OUTPUT:

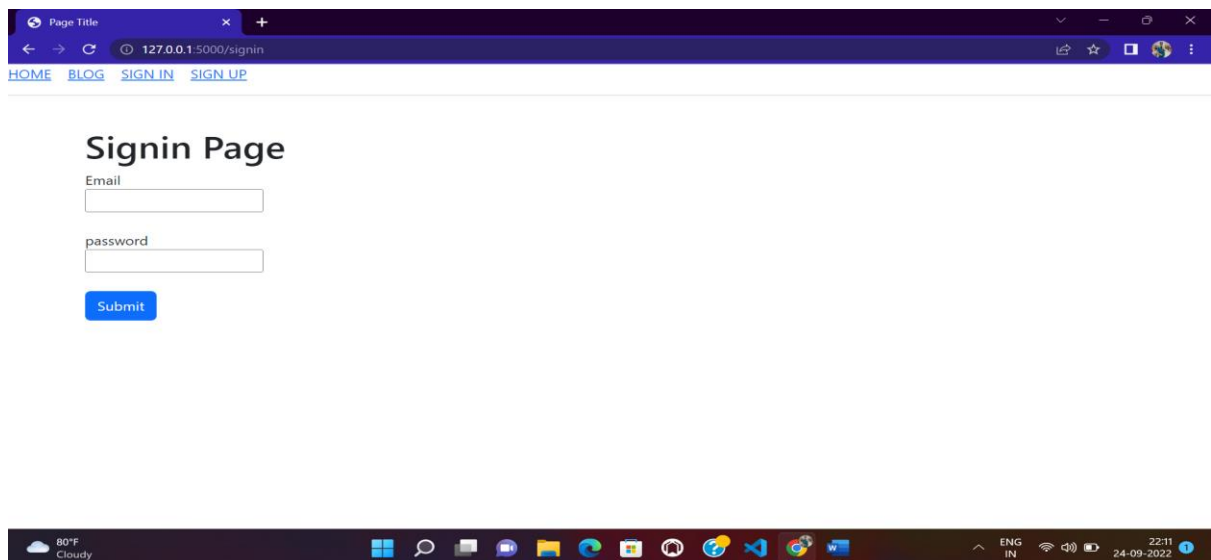
Home



Blog



Signin



Signup

A screenshot of a web browser displaying a 'Signup Page'. The browser's address bar shows the URL '127.0.0.1:5000/signup'. Below the address bar are navigation links: 'HOME', 'BLOG', 'SIGN IN', and 'SIGN UP'. The main content area features a large heading 'Signup Page' followed by five input fields labeled 'Name', 'Email', 'Phone', 'Password', and 'Retype Password'. A blue 'Submit' button is positioned at the bottom left of the form area. The browser's interface includes standard navigation icons and a taskbar at the bottom showing system information like '80°F Cloudy' and the date '24-09-2022'.