

Assignment-1

PROJECTNAME :	Containment Zone Alerting App
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1.Create registration page in html with username, email and phone number and by using POST method display it in next html page.

Program:

register.html

```
<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registration form</title>

</head>

<body>

<center>

<form action="{{ url_for('register')}}" method="post">

    Name : <input type="text" name="user"><br><br>

    Email id : <input type="text" name="email"><br><br>

    Phone Number : <input type="text" name="phone"><br><br>

    <input type="submit" value="Submit"><br>

</form>

</center>

</body>

</html>
```

app.py:

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

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

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

```
def register():
```

```
    if request.method == "POST":
```

```
        name = request.form.get("user")
```

```
        email = request.form.get("email")
```

```
        phone = request.form.get("phone")
```

```
        return "Name is : " + name + ", Email is : " + email + ", Mobile Number is : " + phone
```

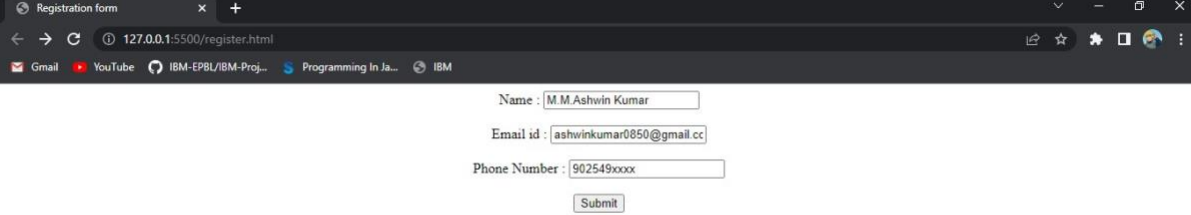
```
    return render_template("register.html")
```

```
if __name__ == '__main__':
```

```
    app.debug=True
```

```
    app.run()
```

Output:



The screenshot shows a web browser window with the title "Registration form". The address bar displays "127.0.0.1:5500/register.html". The browser's taskbar at the bottom shows various icons, including Gmail, YouTube, and IBM. The registration form itself is centered on the page and contains the following fields and buttons:

- Name :
- Email id :
- Phone Number :
-



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

base.html:

```
<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

{% block head %} {% endblock %}

<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+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
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 Everyone</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">Fashion WORLD !</h1>
    <p class="col-md-8 fs-4">Fashioning (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.</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('/', methods =["GET", "POST"])

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.debug = True
    app.run()
```

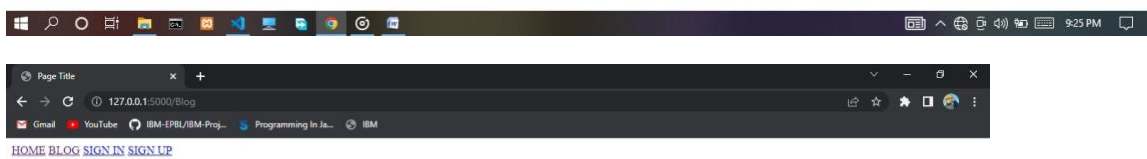
Output:



Hello everyone,

Fashion WORLD !

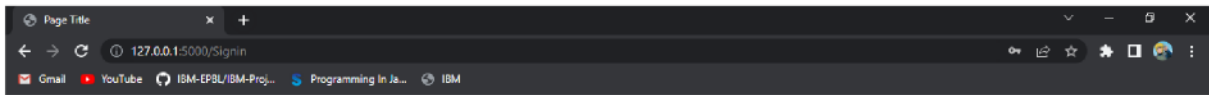
Fashioning (also known as clothes, apparel, and attire) are items worn on the body. Typically, clothing is made of fabrics or textiles, but over time it has included garments made from animal skin and other thin sheets of materials and natural products found in the environment, put together.



This is My Blog Page

Hello Everyone





[HOME](#) [BLOG](#) [SIGN IN](#) [SIGN UP](#)

Signin Page

Email

password



[HOME](#) [BLOG](#) [SIGN IN](#) [SIGN UP](#)

Signup Page

Name

Email

Phone

Password

Retype Password

