

Assignment-2

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PROJECT NAME	PERSONAL EXPENSE TRACKER APPLICATION
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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

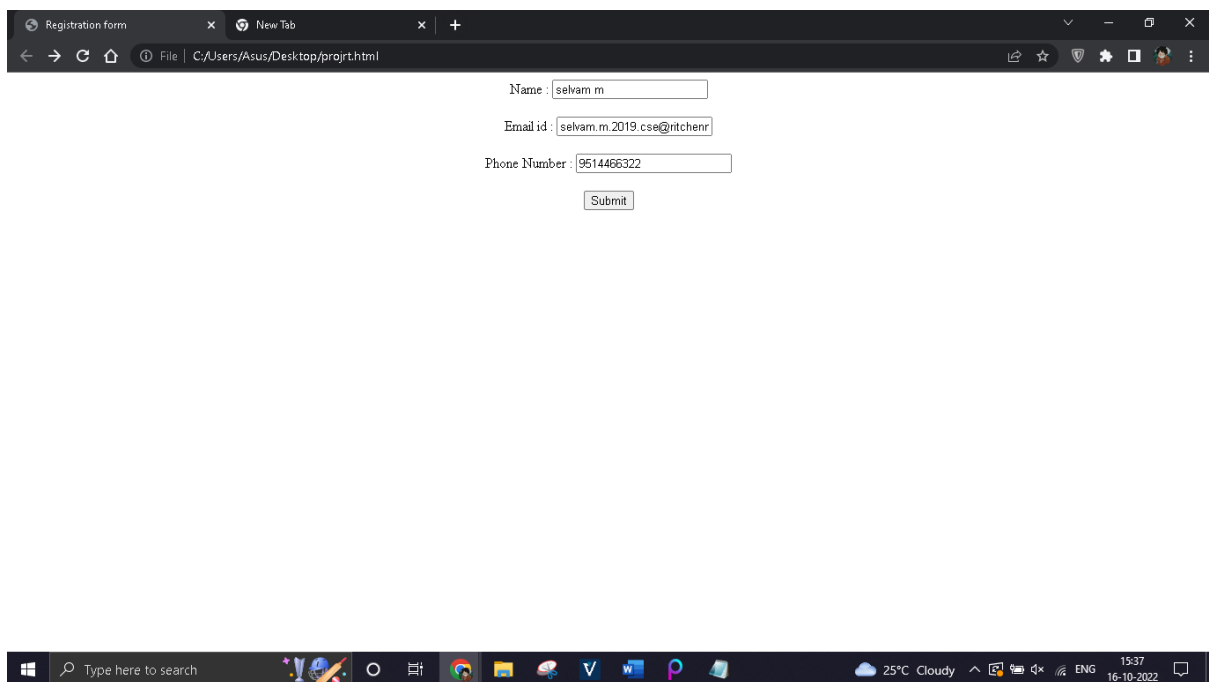
    return render_template("register.html")

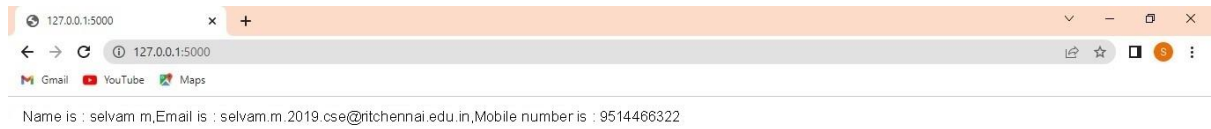
if __name__ == '__main__':

    app.debug=True

    app.run()
```

Output:





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 Jeffrey Blog</h1>

<h2><p>Hello, from Jeffrey</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">WIFI TECHNOLOGY</h1>

<p class="col-md-8 fs-4"> Wi-Fi is a wireless networking technology that allows
devices such as computers (laptops and desktops), mobile devices (smart phones
and wearables), and other equipment (printers and video cameras) to interface with
the Internet.

</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:

