ASSIGNMENT -2

FLASK PROGRAMMING

Assignment Date	24 September2022
Student Name	Subha Shree A
Student Roll Number	311419106030
Maximum Marks	2 Marks

QUESTION:

1. Create a Flask App

2. Add the Home page, About Page

3. Add the Bootstrap

4. Add the Sign in page and App the Signup Page + (add database)

SOLUTION:

APP.PY

```python
from flask import Flask, render_template, redirect, request, session
# The Session instance is not used for direct access, you should always use
flask.session
from flask_session import Session

app = Flask(__name__)
app.config["SESSION_PERMANENT"] = False
app.config["SESSION_TYPE"] = "filesystem"
Session(app)


@app.route("/")
def index():
    if not session.get("name"):
        return redirect("/login")
    return render_template('index.html')


@app.route("/login", methods=["POST", "GET"])
def login():
    if request.method == "POST":
        session["name"] = request.form.get("name")
        return redirect("/")
    return render_template("login.html")
```

```python
@app.route("/logout")
def logout():
    session["name"] = None
    return redirect("/")


if __name__ == "__main__":
```

INDEX.HTML

```html
{% extends "layout.html" %}

{% block y %}

    {% if session.name %}
        You are Register {{ session.name }} <a href="/logout">logout</a>.
    {% else %}
        You are not Register. <a href="/login">login</a>.
    {% endif %}

{% endblock %}
```

LOGIN.HTML

```html
{% extends "layout.html" %}

{% block y %}

    <h1> REGISTER </h1>

    <form action="/login" method="POST">
        <input placeholder="Name" autocomplete="off" type="text" name="name">
        <input type="submit" name="Register">
    </form>

{% endblock %}
```

LAYOUT.HTML

```html
<!DOCTYPE html>

<html lang="en">
    <head>
        <meta name="viewport" content="initial-scale=1, width=device-width">
        <title> flask </title>
    </head>
```
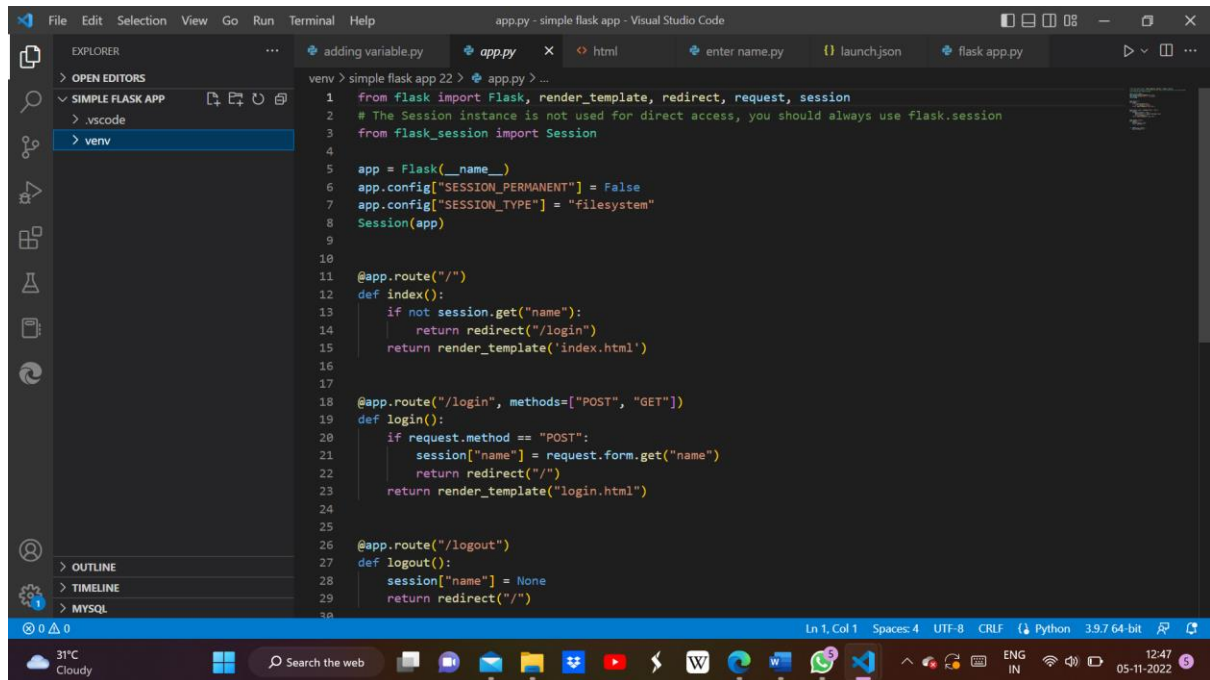
```
<body>
    {% block y %}{% endblock %}
</body>
```



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REGISTER

Name [   ] Submit