

Setting Up Application Environment

Create flask project

DATE	22/11/2022
Team ID	PNT2022TMID46361
Project Name	Project-Inventory Management System for Retailers

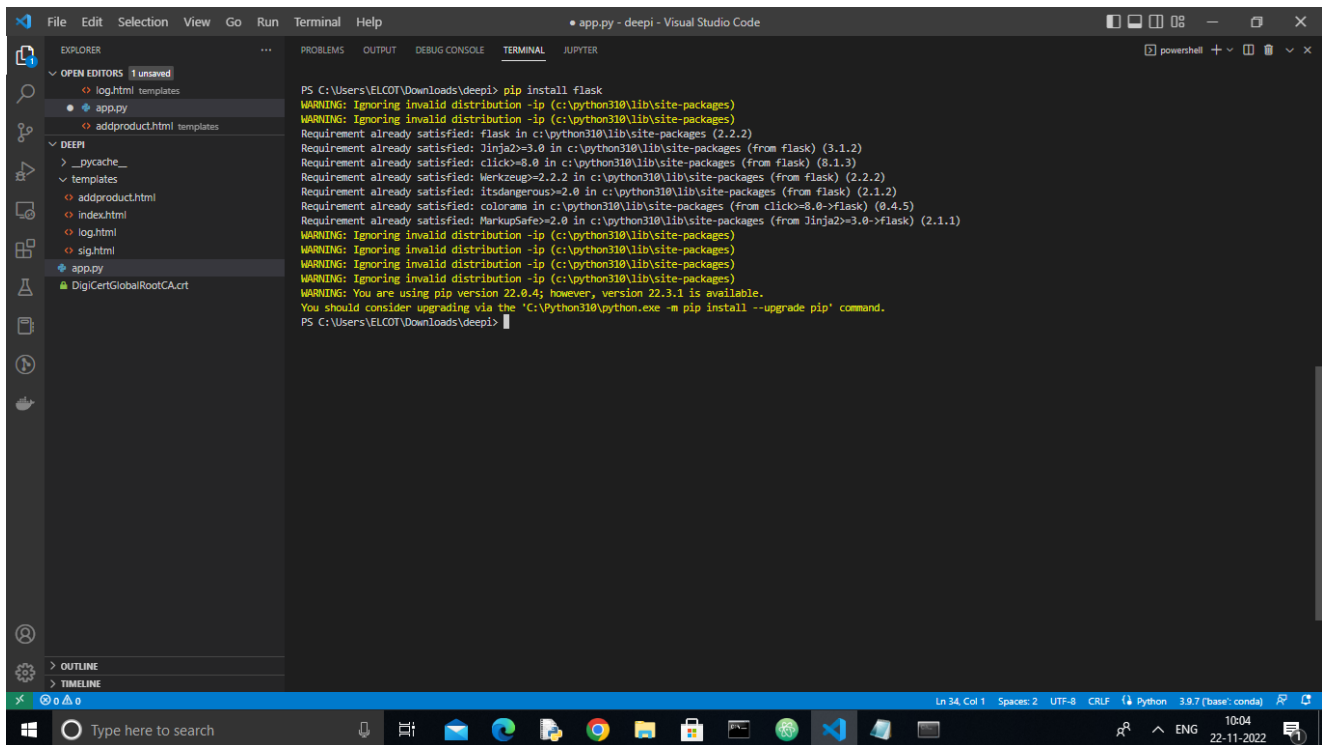
Step 1:

Install the latest version of Python in your desktop, link: <https://www.python.org/downloads/>.

Step 2:

After that, Create new file in your desktop and open command prompt here and type this below command to install the flask. Then the flask will install in few seconds as shown below:

pip install Flask

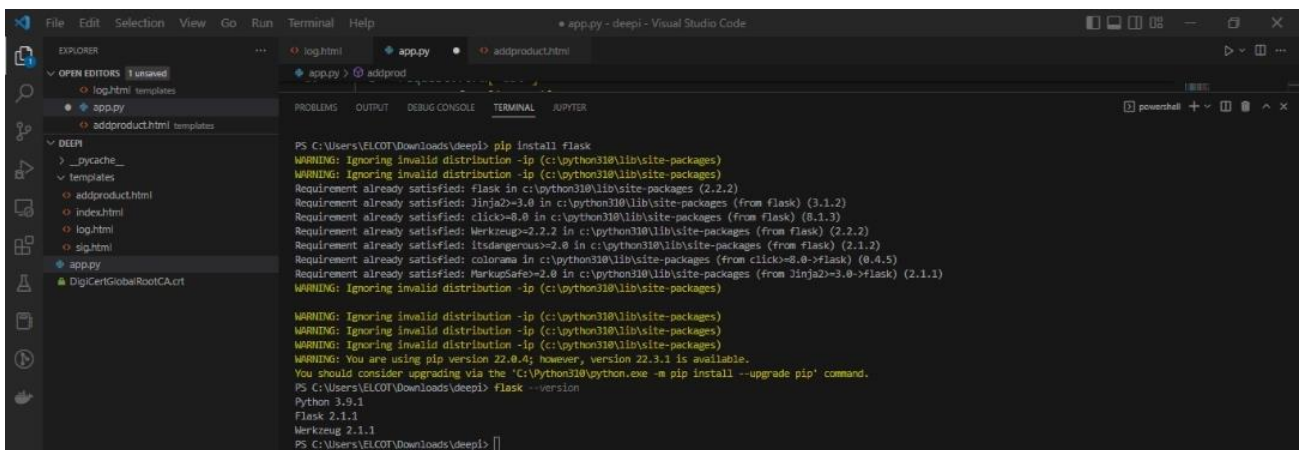


```
PS C:\Users\ELCOT\Downloads\deepi> pip install flask
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
Requirement already satisfied: flask in c:\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: You are using pip version 22.0.4; however, version 22.3.1 is available.
You should consider upgrading via the 'C:\Python310\python.exe -m pip install --upgrade pip' command.
PS C:\Users\ELCOT\Downloads\deepi>
```

Step 3:

Then you can check whether the flask is installed or not in a system, by typing these

Command in Command Prompt: ***pip show flask***



```
PS C:\Users\ELCOT\Downloads\deepi> pip install flask
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
Requirement already satisfied: flask in c:\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: You are using pip version 22.0.4; however, version 22.3.1 is available.
You should consider upgrading via the 'C:\Python310\python.exe -m pip install --upgrade pip' command.
PS C:\Users\ELCOT\Downloads\deepi> flask --version
Python 3.9.1
Flask 2.1.1
Werkzeug 2.1.1
PS C:\Users\ELCOT\Downloads\deepi>
```

Step 4:

Open Visual Studio Code and enter the code given below,

```
from flask import Flask app =
Flask(__name__)

@app.route('/') def
hello_world():
return 'Hello, World!'

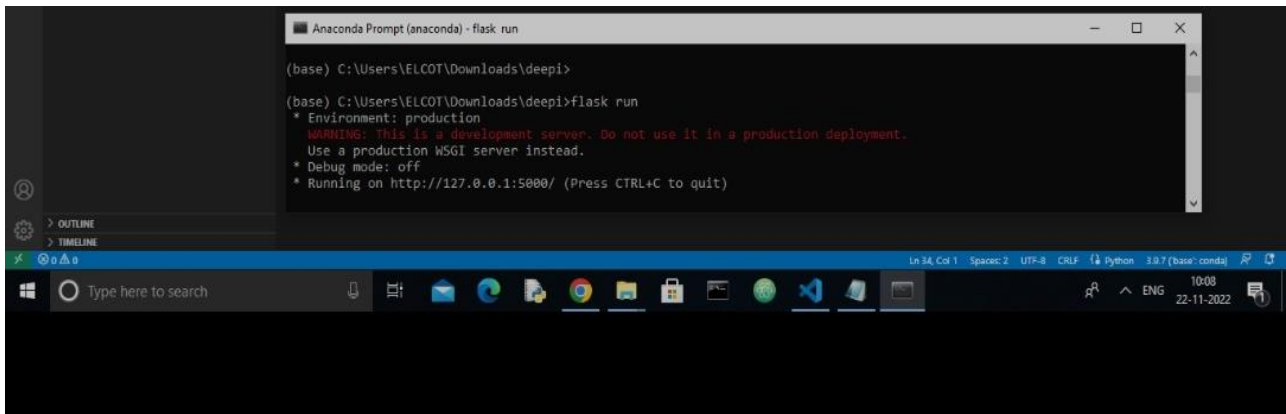
if __name__ == "__main__":
app.run()
```

Step 5:

Save the code and give the file name as **app.py**.

Step 6:

Go to the file location and open python IDE and open **app.py** then run

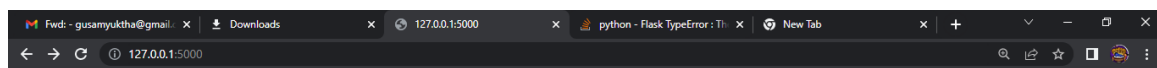


```
Anaconda Prompt (anaconda) - flask run

(base) C:\Users\ELCOT\Downloads\deepi>
(base) C:\Users\ELCOT\Downloads\deepi>flask run
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Step 7:

Click the Link (or) Copy the address(<http://127.0.0.1:5000>) and put it, in the browser and click enter. Then the Result will be same as the below screenshot:



Step 8:



Now, you have successfully completed the process of creating simple flask project