

Setting Up Application Environment

Create Flask App

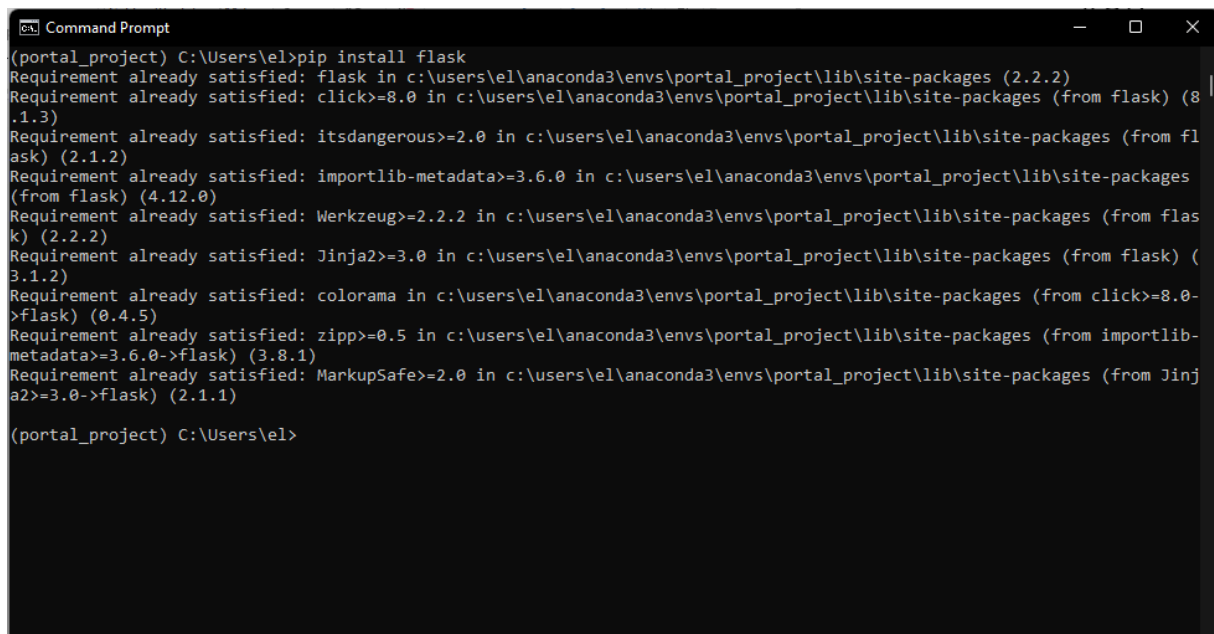
Step 1:

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:




```
CS Command Prompt
(portal_project) C:\Users\el>pip install flask
Requirement already satisfied: flask in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (2.2.2)
Requirement already satisfied: click>=8.0 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from flask) (4.12.0)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: colorama in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: zipp>=0.5 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from importlib-metadata>=3.6.0->flask) (3.8.1)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\el\anaconda3\envs\portal_project\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

(portal_project) C:\Users\el>
```

Step 3:

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



```
Command Prompt
(portal_project) C:\Users\el>flask --version
Python 3.9.13
Flask 2.2.2
Werkzeug 2.2.2
(portal_project) C:\Users\el>
```

Step 4:

Open Visual Studio Code and enter the code given below,

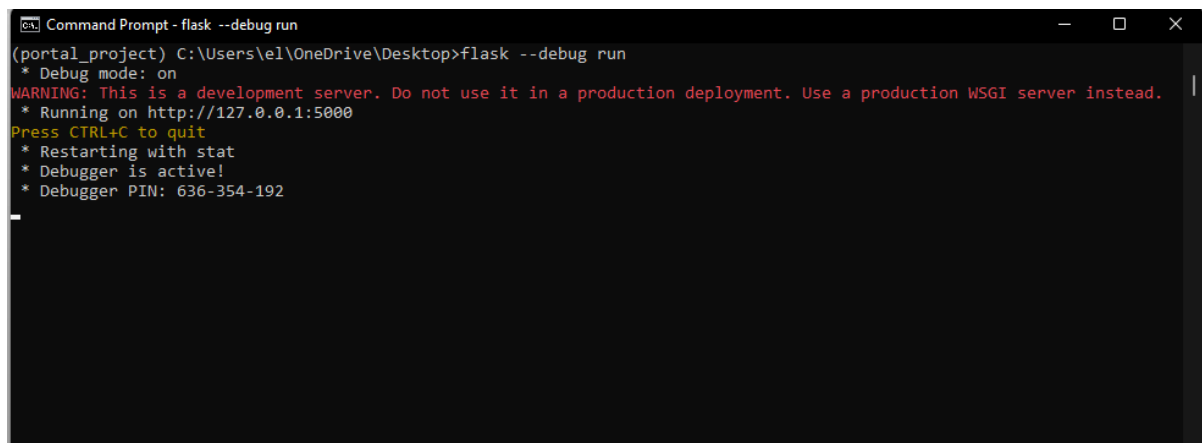
```
from flask import Flask
app = Flask(__name__)
@app.route("/")
def hello_world():
    return "<p>Hello, World!</p>"
```

Step 5:

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

Step 6:

Go to the file location and open command prompt and type this command in command prompt:



```
Command Prompt - flask --debug run
(portal_project) C:\Users\el\OneDrive\Desktop>flask --debug run
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 636-354-192
```

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.