

Create Flask Project

Team ID	PNT2022TMID02970
Project Name	Inventory Management System for Retailers

Step 1:

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

Step 2:

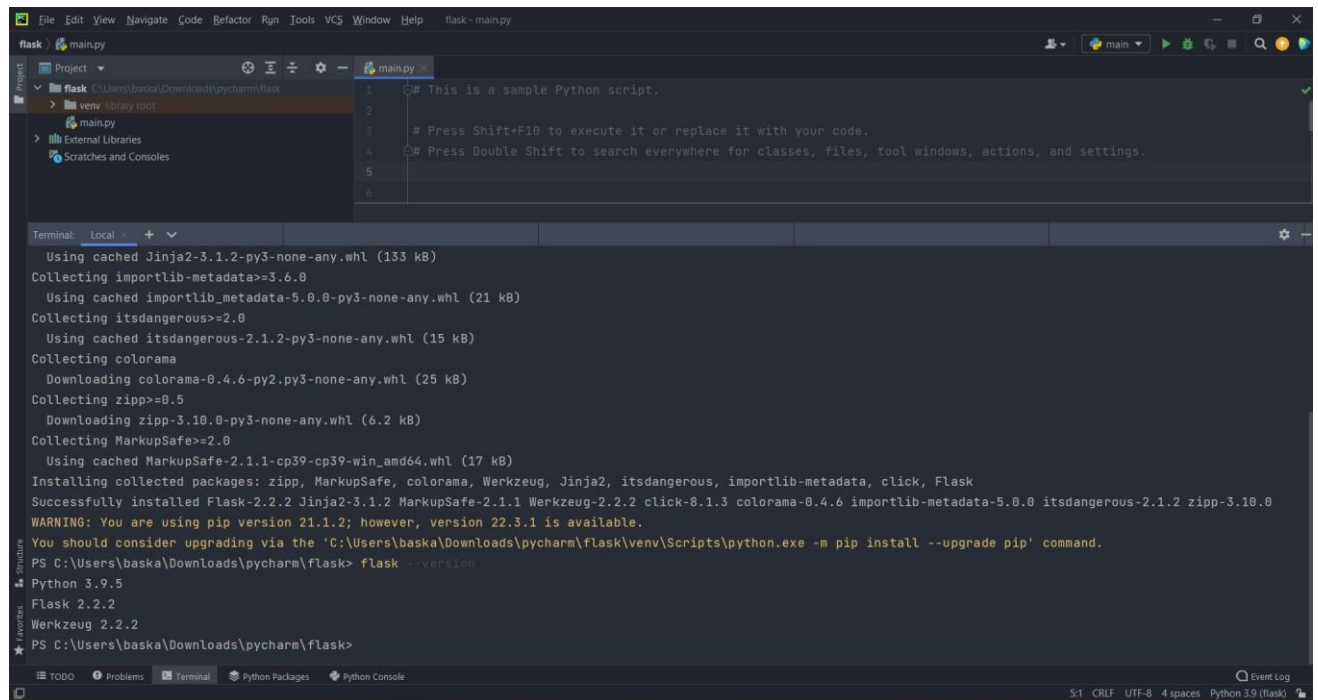
After that, Create new file in your desktop and open command prompt here and type this below command to install the flask. Then the flask will install in few seconds as shown below:

```
pip install Flask
```

Step 3:

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

Command in Command Prompt: ***Flask --version***



Step 4:

```
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: **Flask run**

The screenshot shows the PyCharm IDE interface. The top toolbar includes menus like File, Edit, View, Navigate, Code, Refactor, Run, Tools, VCS, Window, and Help. The left sidebar shows the Project view with a tree structure containing 'flask' and 'venv' folders. The main editor window displays a Python file named 'app.py' with the following code:

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def hello_world():
7     return "<p>Hello, World!</p>"
8
9 hello_world()
```

The bottom panel shows the Terminal window with the following output:

```
Using cached MarkupSafe-2.1.1-cp39-cp39-win_amd64.whl (17 kB)
Installing collected packages: zipp, MarkupSafe, colorama, Werkzeug, Jinja2, itsdangerous, importlib-metadata, click, Flask
Successfully installed Flask-2.2.2 Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 importlib-metadata-5.0.0 itsdangerous-2.1.2 zipp-3.10.0
WARNING: You are using pip version 21.1.2; however, version 22.3.1 is available.
You should consider upgrading via the 'C:\Users\baska\Downloads\pycharm\flask\venv\Scripts\python.exe -m pip install --upgrade pip' command.
PS C:\Users\baska\Downloads\pycharm\flask> flask --version
Python 3.9.5
Flask 2.2.2
Werkzeug 2.2.2
PS C:\Users\baska\Downloads\pycharm\flask> flask run
* Debug mode: off
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
```

A notification at the bottom right states: "You are using the Flask framework. PyCharm Professional Edition has special support for it."

Step 7:

Click the Link (or) Copy the address(<http://127.0.0.1:5000>) and put it, in the browse 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.