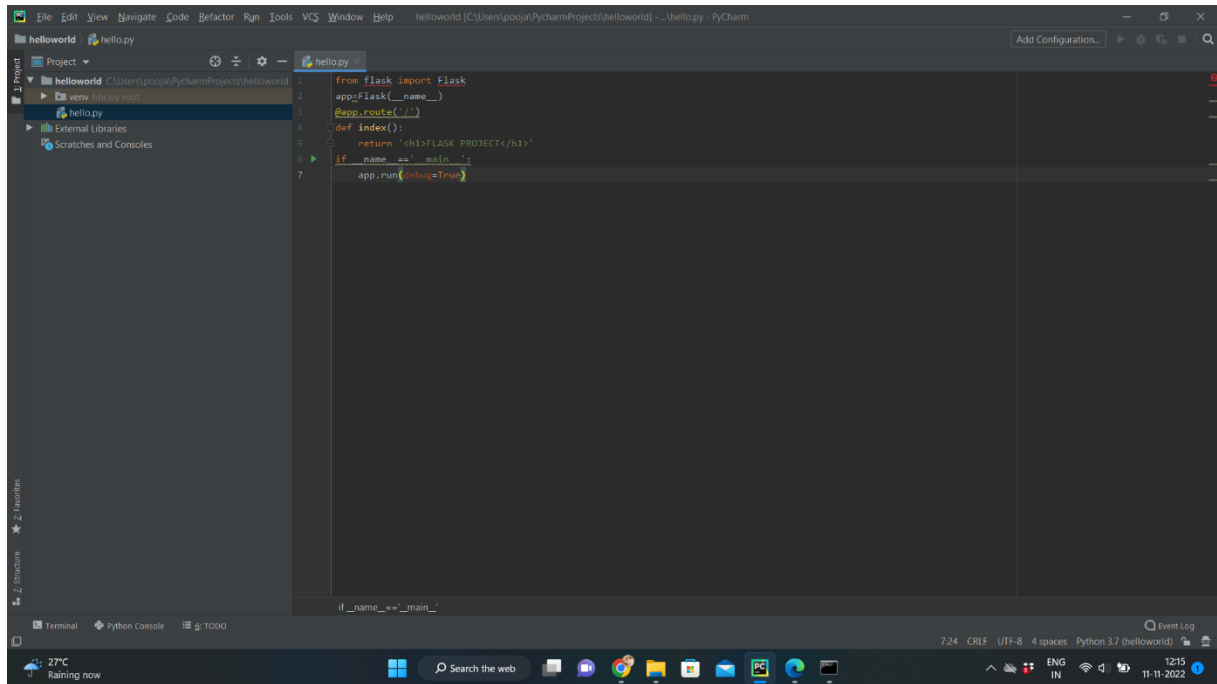


CREATE FLASK PROJECT

PROJECT NAME	PERSONAL EXPENSE TRACKER APPLICATION
TEAM ID	PNT2022TMID20039
SETTING UP APPLICATION ENVIRONMENT	CREATE FLASK PROJECT

STEP 1: Open a new Python file and start coding



The screenshot shows the PyCharm IDE interface. The main editor window displays a Python file named `hello.py` with the following code:

```
1 from flask import Flask
2 app = Flask(__name__)
3 @app.route('/')
4 def index():
5     return '<h1>FLASK PROJECT</h1>'
6 if __name__ == '__main__':
7     app.run(debug=True)
```

The left sidebar shows the project structure with the following folders and files:

- Project
 - helloworld
 - venv
 - library root
 - hello.py
 - External Libraries
 - Scratches and Consoles

The bottom status bar indicates the file encoding is UTF-8, the line length is 724, and the Python version is 3.7.

Step 2: Run the Python file using command python filename.py

```
Select Command Prompt - python hello.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\pooja>python --version
Python 3.7.5

C:\Users\pooja>pip install flask
Requirement already satisfied: flask in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (2.2.2)
Requirement already satisfied: click>=8.0 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from flask) (5.0.0)
Requirement already satisfied: Jinja2>=3.0 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: colorama in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: typing-extensions>=3.6.4 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from importlib-metadata>=3.6.0->flask) (4.4.0)
Requirement already satisfied: zipp>=0.5 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from importlib-metadata>=3.6.0->flask) (3.10.0)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\pooja\appdata\local\programs\python\python37\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\pooja>cd C:\Users\pooja\PycharmProjects\helloworld

C:\Users\pooja\PycharmProjects\helloworld>python hello.py
* Serving Flask app 'hello'
* 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: 953-792-889
```

Step 3: Open the Ip in browser



FLASK PROJECT

