

Setting up Application Environment

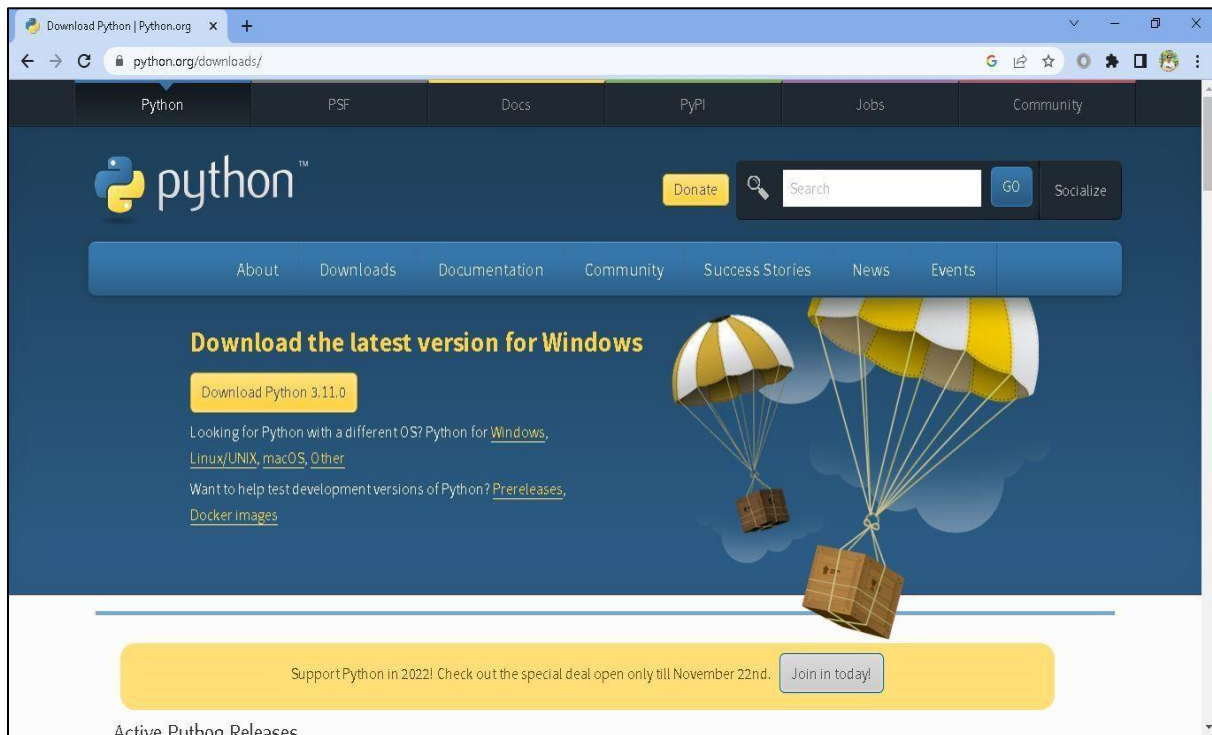
CREATE FLASK PROJECT

Team ID	PNT2022TMID04925
Project Name	Plasma Donor Application

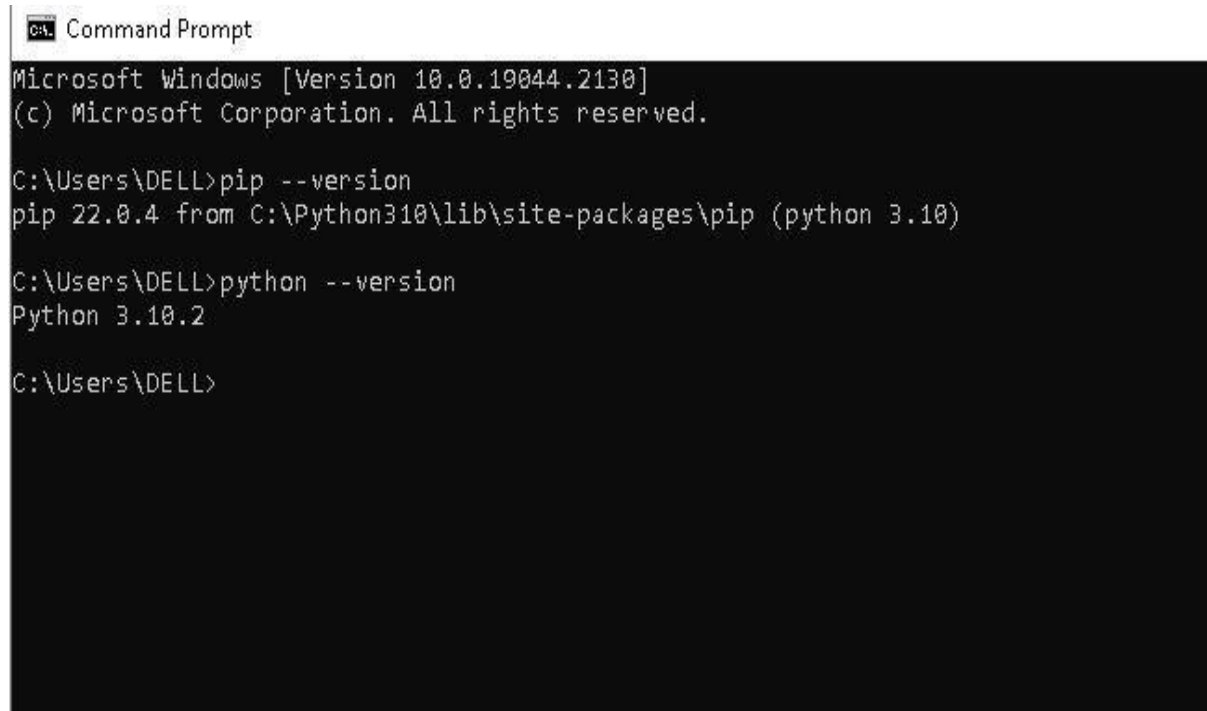
Step 1 : Download Python from the official website.

<https://www.python.org/downloads/>

Download and install python



Step 2: Open command prompt and cross verify the versions.



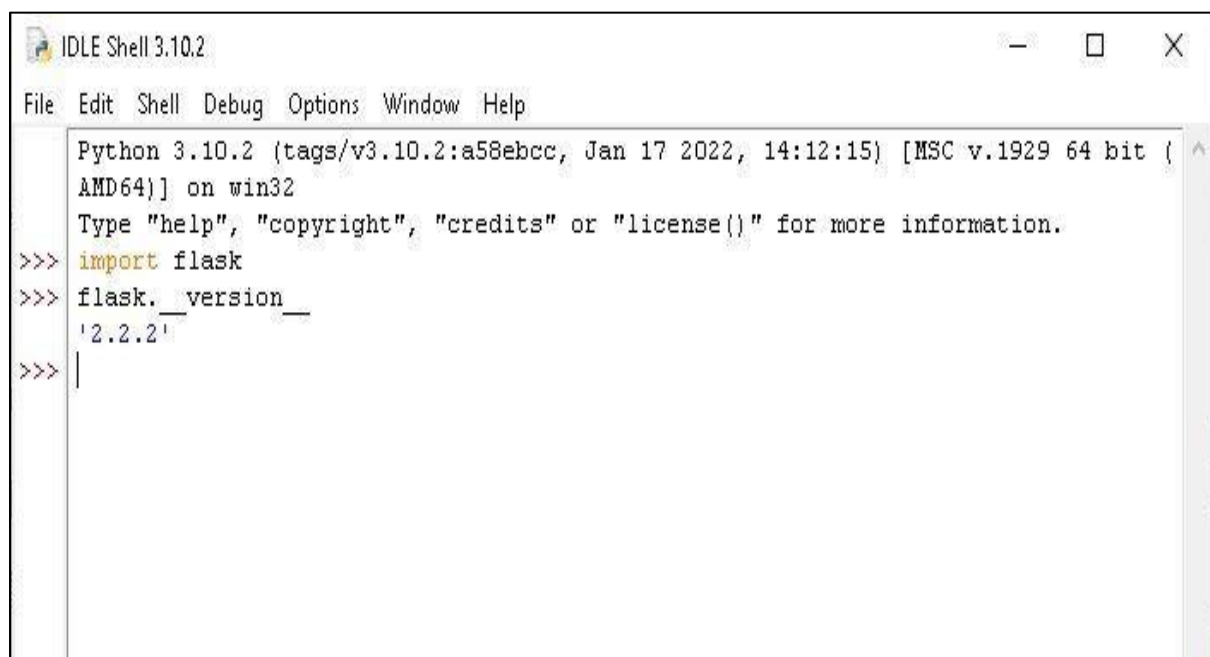
```
Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>pip --version
pip 22.0.4 from C:\Python310\lib\site-packages\pip (python 3.10)

C:\Users\DELL>python --version
Python 3.10.2

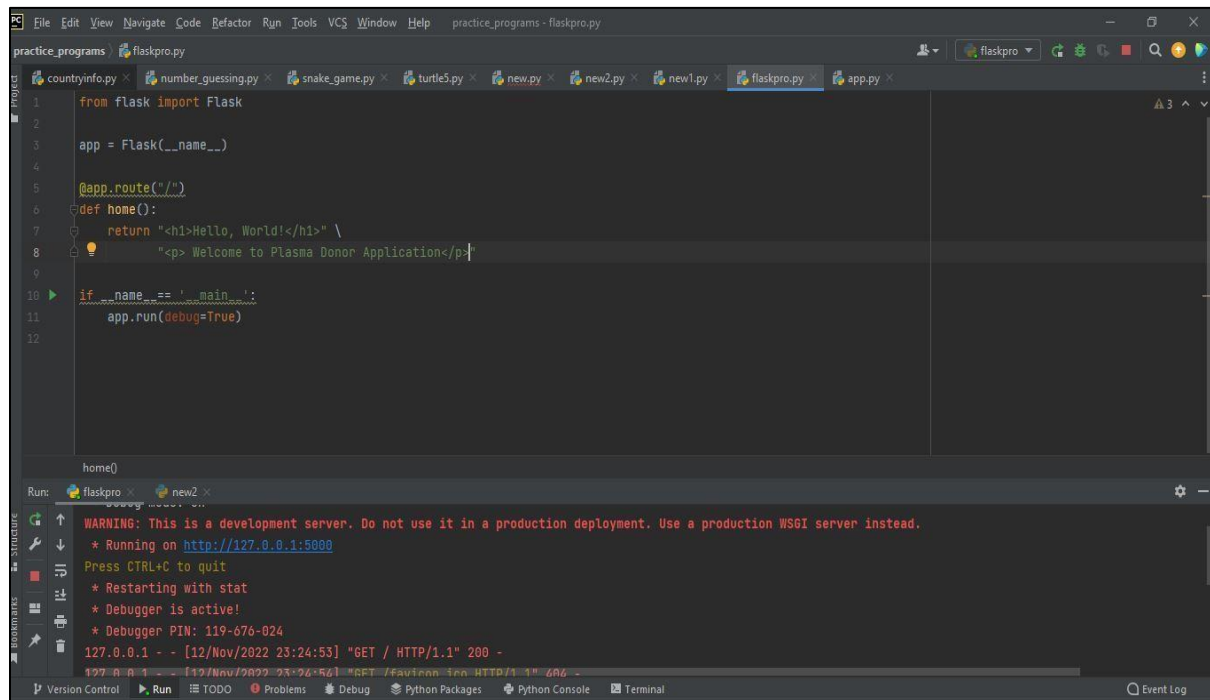
C:\Users\DELL>
```

Step 3 :Checking Flask version



```
IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
'2.2.2'
>>> |
```

Step 4: Open Pycharm and write a simple code to run flask



The screenshot shows a code editor with a Python file named `flaskpro.py`. The code defines a Flask application with a single route `home()` that returns an HTML response. The terminal output shows the application running on `http://127.0.0.1:5000` and receiving a GET request, returning a 200 status code.

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def home():
7     return "<h1>Hello, World!</h1>" \
8         "<p> Welcome to Plasma Donor Application</p>"
9
10 if __name__ == '__main__':
11     app.run(debug=True)
```

home()

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: 119-676-024
127.0.0.1 - - [12/Nov/2022 23:24:53] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 23:26:56] "GET /favicon.ico HTTP/1.1" 404 -

Step 5: Following Output in the browser

