SETTING UP ENVIRONMENT
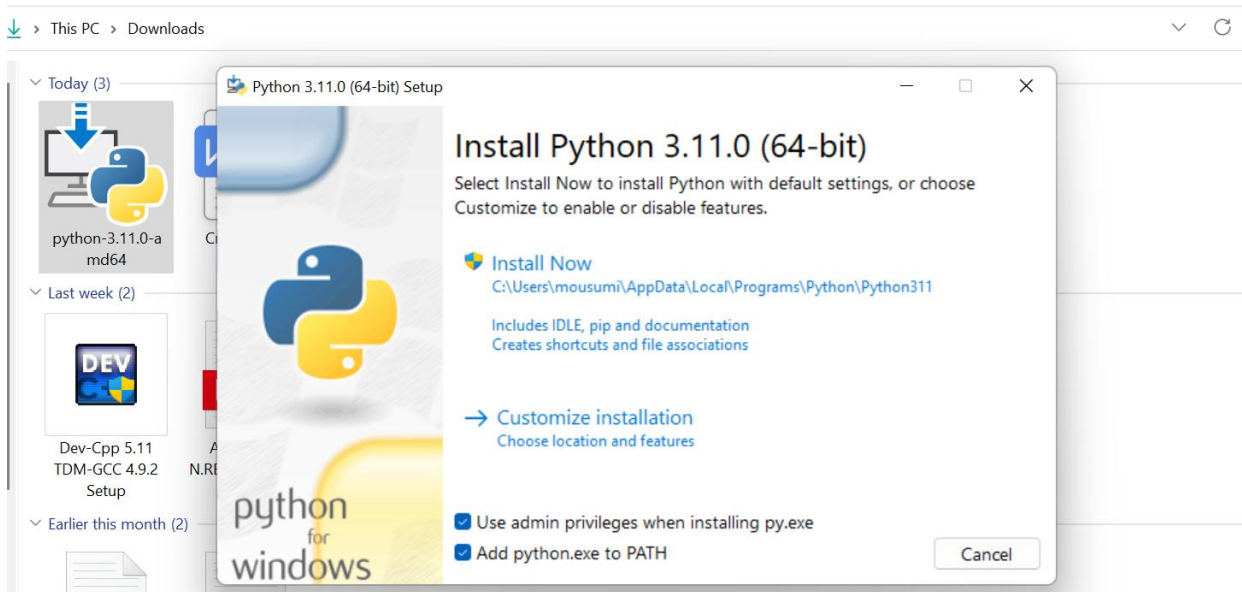# CREATE FLASK PROJECT

Team ID	PNT2022TMID31299
Project Name	Plasma Donor Application

Step 1: Beginning the Flask installation with python installation from the official account:
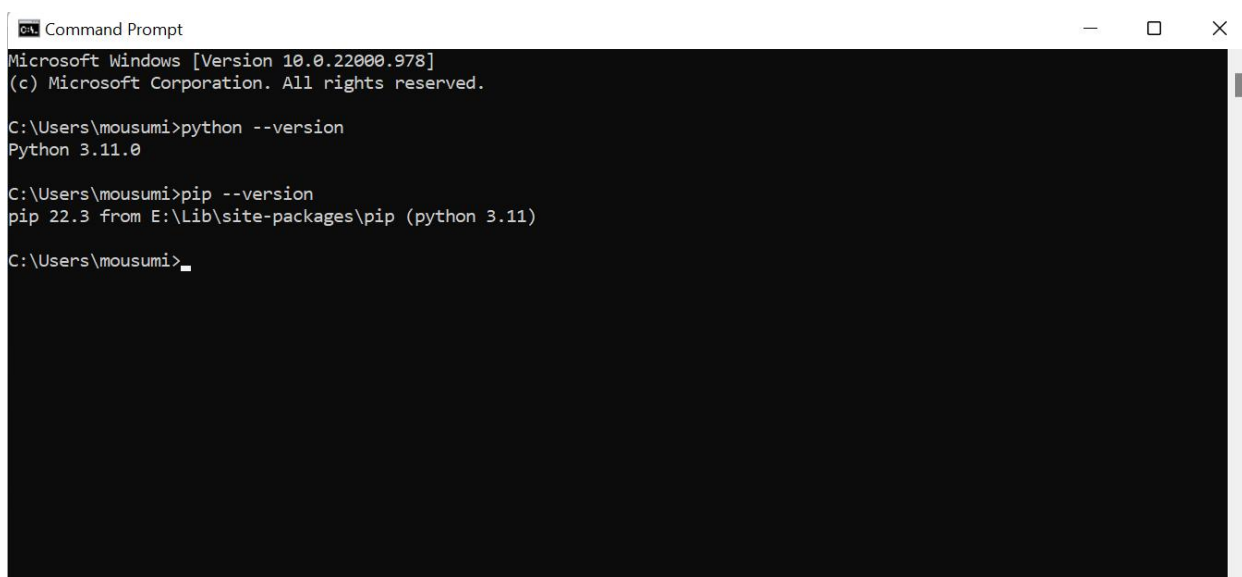https://www.python.org/.

Run the python setup and install the newest version of python.

Step 2: Open Command Prompt and cross-verify the installation of python by typing:

To check the version : **python --version**

To check the path   : **pip --version**

Step 3: After python installation, we need to begin with flask installation by typing :

Flask installation : `py -m install flask`

```
C:\Users\mousumi>install flask
'install' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\mousumi>py -m pip install flask
Collecting flask
  Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Collecting Werkzeug>=2.2.2
  Using cached Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting Jinja2>=3.0
  Using cached Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting itsdangerous>=2.0
  Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Using cached click-8.1.3-py3-none-any.whl (96 kB)
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
  DEPRECATION: MarkupSafe is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installe
d. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues
/8559
  Running setup.py install for MarkupSafe ... done
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\mousumi>
```

Step 4: Now the new version of Python-Flask is successfully installed

```
C:\Users\mousumi>python.exe -m pip install --upgrade pip
Requirement already satisfied: pip in e:\lib\site-packages (22.3)
Collecting pip
  WARNING: Retrying (Retry(total=4, connect=None, read=None, redirect=None, status=None)) after connection broken by 'ReadTimeoutError("HTTPSConnectionPool(host='files.pyth
onhosted.org', port=443): Read timed out. (read timeout=15)")': /packages/09/bd/2410905c76ee14c62baf69e3f4aa780226c1bbfc9485731ad018e35b0cb5/pip-22.3.1-py3-none-any.whl
  WARNING: Retrying (Retry(total=3, connect=None, read=None, redirect=None, status=None)) after connection broken by 'ReadTimeoutError("HTTPSConnectionPool(host='files.pyth
onhosted.org', port=443): Read timed out. (read timeout=15)")': /packages/09/bd/2410905c76ee14c62baf69e3f4aa780226c1bbfc9485731ad018e35b0cb5/pip-22.3.1-py3-none-any.whl
  Downloading pip-22.3.1-py3-none-any.whl (2.1 MB)
     ------------------------------------- 2.1/2.1 MB 60.0 kB/s eta 0:00:00
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 22.3
    Uninstalling pip-22.3:
      Successfully uninstalled pip-22.3
Successfully installed pip-22.3.1

C:\Users\mousumi>
C:\Users\mousumi>d
'd' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\mousumi>py -m flask --version
Python 3.11.0
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\mousumi>
```

```
IDLE Shell 3.10.8                                                    —    □    ×
File  Edit  Shell  Debug  Options  Window  Help
    Python 3.10.8 (tags/v3.10.8:aaaf517, Oct 11 2022, 16:50:30) [MSC v.1933 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
    '2.2.2'
>>> |
```