

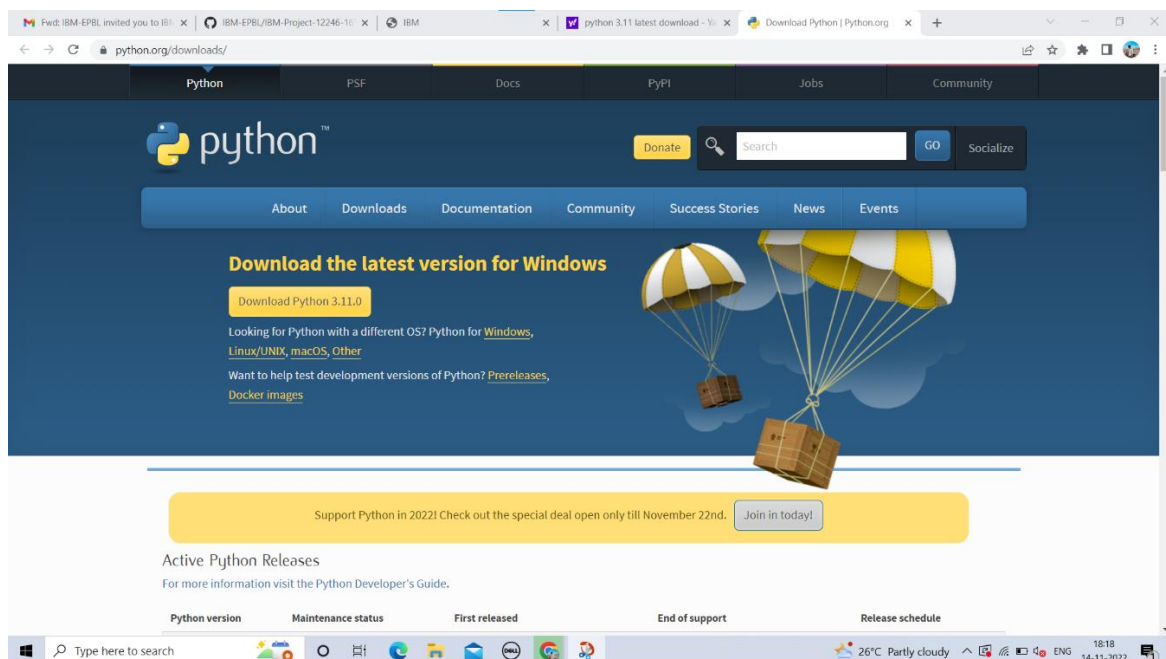
# PROJECT : NEWS TRACKER APPLICATION

## Creating Flask Project

Team ID : PNT2022TMID12619

### Step 1 :

Install Python 3.11(Latest version) and Include PIP Libraries While installing.



### Step 2 :

After installation, Flask should be installed, open command Prompt and type

Py -m pip install flask

To install Flask

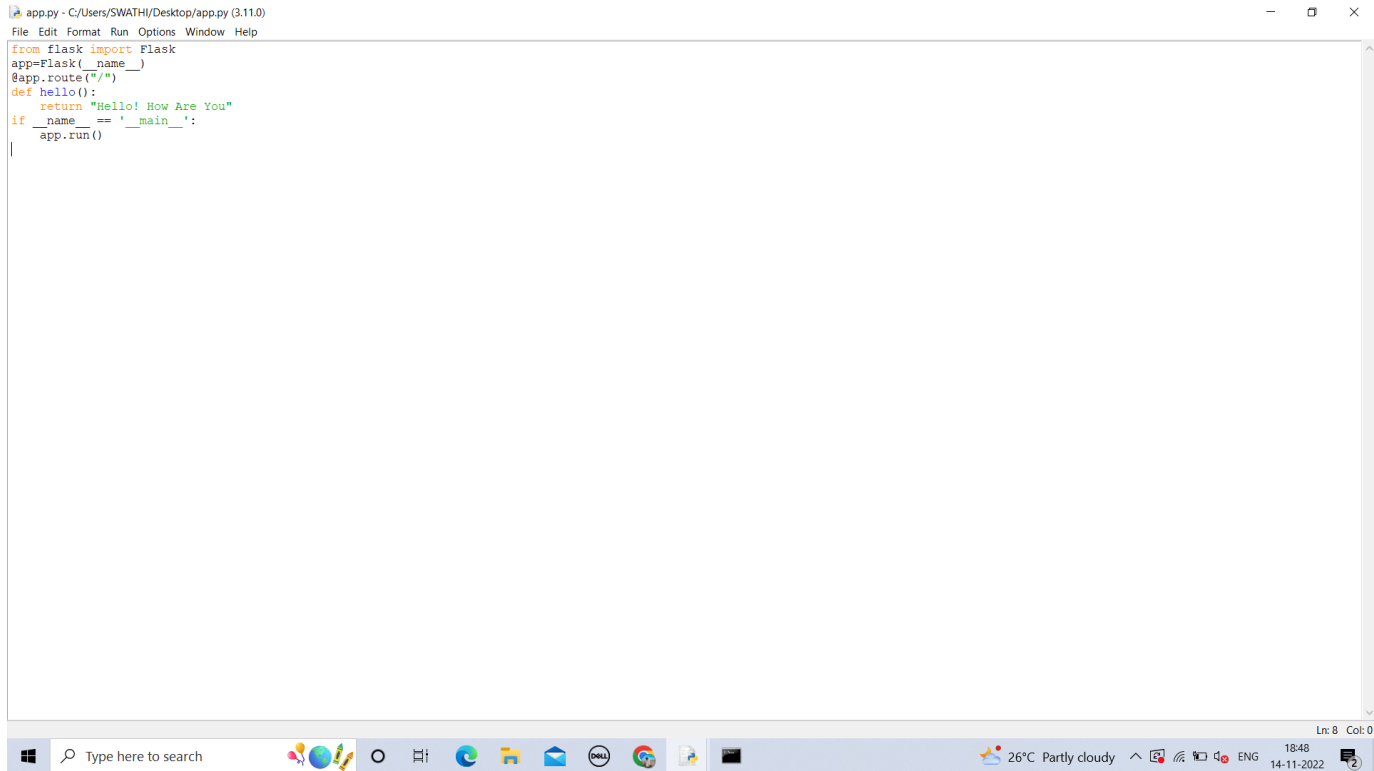
```
Command Prompt
C:\Users\SWATHI>py -m pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
----- 101.5/101.5 kB 182.5 kB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 106.2 kB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 114.0 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.6/96.6 kB 178.4 kB/s eta 0:00:00
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 installed. 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\SWATHI>^S
```

### Step 3:

Then open python IDLE type the below program and name it as app.py



The screenshot shows a Python IDLE window titled 'app.py - C:/Users/SWATHI/Desktop/app.py (3.11.0)'. The window contains the following Python code:

```
from flask import Flask
app=Flask(__name__)
@app.route("/")
def hello():
    return "Hello! How Are You"
if __name__ == '__main__':
    app.run()
```

The code is written in a standard Python syntax with color coding: 'from' and 'def' are blue, 'Flask' is green, 'app' is black, 'return' is blue, and the string 'Hello! How Are You' is in quotes. The window has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The status bar at the bottom right shows 'Ln: 8 Col: 0'. The Windows taskbar is visible at the bottom with various icons and a system tray showing '26°C Partly cloudy', '18:48', and '14-11-2022'.

### Step 4:

Open command prompt type,  
python app.py and then open browser and go to <http://127.0.0.1:5000/>

Command Prompt - python app.py

Microsoft Windows [Version 10.0.19043.1766]  
(c) Microsoft Corporation. All rights reserved.

C:\Users\SMATHI>cd desktop

C:\Users\SMATHI\Desktop>python app.py

\* Serving Flask app 'app'

\* 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

Type here to search



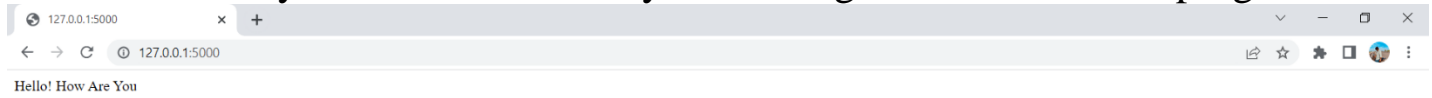
26°C Partly cloudy

ENG

18:48  
14-11-2022

## Step 5:

Finally Browser will show your message which written in program



## Result :

Thus Flask installed flask and tested.