

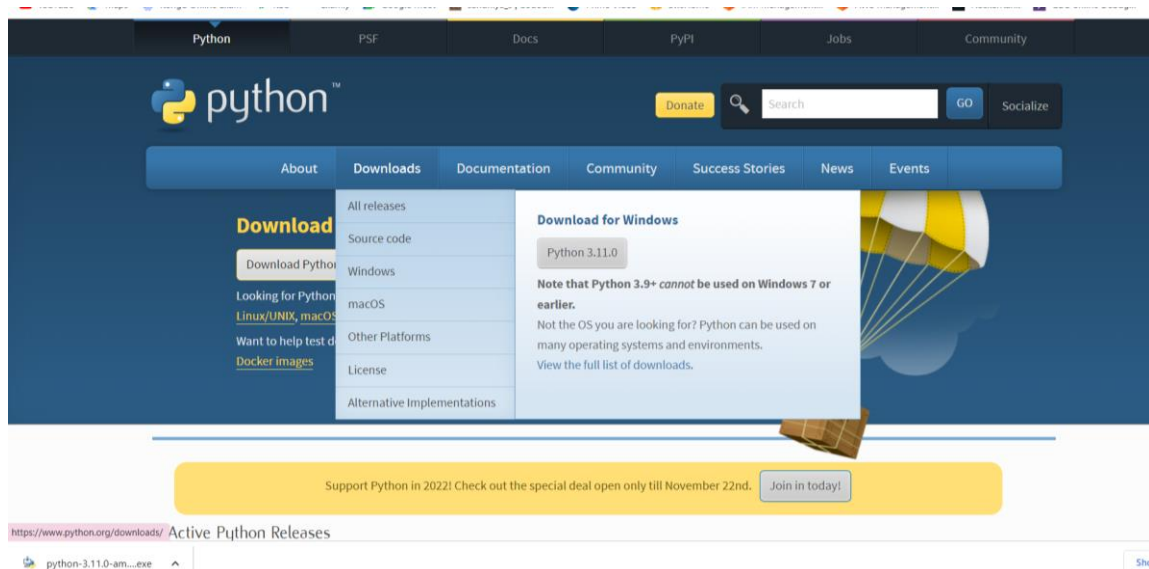
Team Id: PNT2022TMID04862

Project Title: News Tracker Application

Setting Up Application Environment

Create Flask Project

1) Install Python Latest Version:



2) Install Flask using the command pip install flask:

```
Microsoft Windows [Version 10.0.19043.2130]
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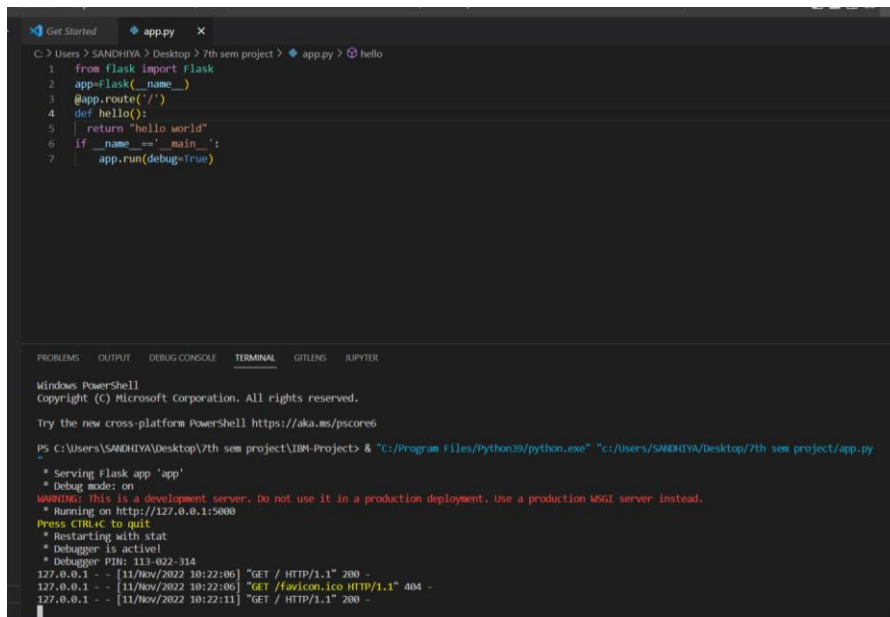
C:\Users\SANDHIYA>python --version
'python' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\SANDHIYA>python --version
Python 3.9.6

C:\Users\SANDHIYA>pip install flask
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: flask in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from flask) (8.1.3)
Requirement already satisfied: Jinja2>=3.0 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from flask) (3.1.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from flask) (4.12.0)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: zipp>=0.5 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from importlib-metadata>=3.6.0->flask) (3.8.1)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\sandhiya\appdata\roaming\python\python39\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: You are using pip version 21.1.3; however, version 22.3.1 is available.
You should consider upgrading via the 'c:\program files\python39\python.exe -m pip install --upgrade pip' command.

C:\Users\SANDHIYA>cd desktop
C:\Users\SANDHIYA\Desktop>cd 7th sem project
C:\Users\SANDHIYA\Desktop\7th sem project>python app.py
C:\Users\SANDHIYA\Desktop\7th sem project>
```

3) Open new python file:



The screenshot shows a VS Code editor window with a file named `app.py` open. The code in the file is as follows:

```
1 from flask import Flask
2 app = Flask(__name__)
3 @app.route('/')
4 def hello():
5     return "hello world"
6 if __name__ == '__main__':
7     app.run(debug=True)
```

Below the editor, the TERMINAL panel is active, showing the output of running the application. It indicates that the Flask app is serving on `http://127.0.0.1:5000` and shows several log messages, including a warning about using a development server and a list of incoming requests:

```
PS C:\Users\SANDHIVA\Desktop\7th sem project\IBM-Project> "C:/Program Files/Python39/python.exe" "C:/Users/SANDHIVA/Desktop/7th sem project/app.py"
* Serving Flask app 'app'
* 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: 113-022-314
127.0.0.1 - - [11/Nov/2022 10:22:06] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [11/Nov/2022 10:22:06] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [11/Nov/2022 10:22:11] "GET / HTTP/1.1" 200 -
```

4) Flask App:

hello world