

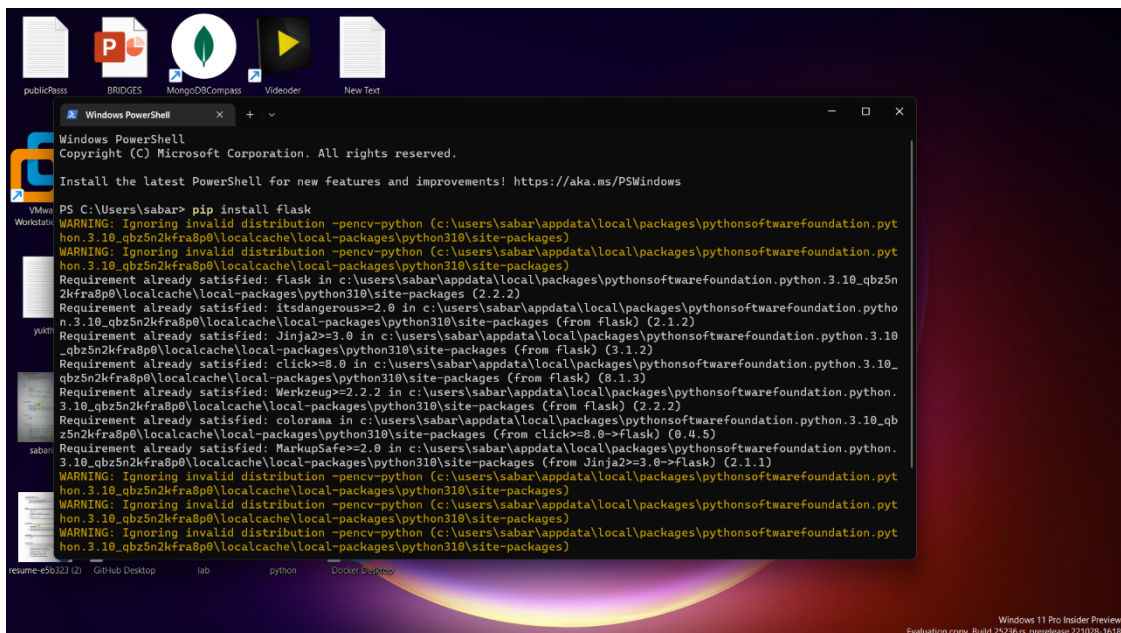
NEWS TRACKER APPLICATION

TEAM ID: PNT2022TMID16309

SETTING UP PROJECT ENVIRONMENT

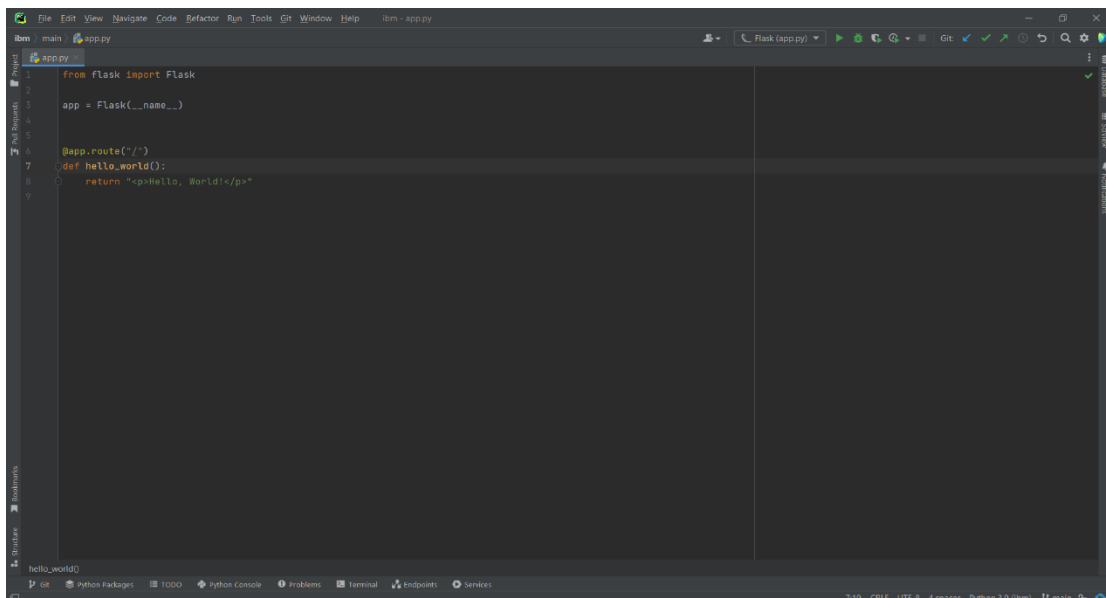
CREATE FLASK PROJECT

1) Installing flask with PIP in python



```
PS C:\Users\sabar> pip install flask
WARNING: Ignoring invalid distribution -pencv-python (c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pyt
hon.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages)
WARNING: Ignoring invalid distribution -pencv-python (c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pyt
hon.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages)
Requirement already satisfied: flask in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n
2kfra8p0\localcache\local-packages\python310\site-packages (from Flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pytho
n.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.1.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.3.10_
qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.3.10_
qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2 in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.3.10_
qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qb
z5n2kfra8p0\localcache\local-packages\python310\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.python.
3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: Ignoring invalid distribution -pencv-python (c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pyt
hon.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages)
WARNING: Ignoring invalid distribution -pencv-python (c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pyt
hon.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages)
WARNING: Ignoring invalid distribution -pencv-python (c:\users\sabar\appdata\local\packages\pythonsoftwarefoundation.pyt
hon.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages)
```

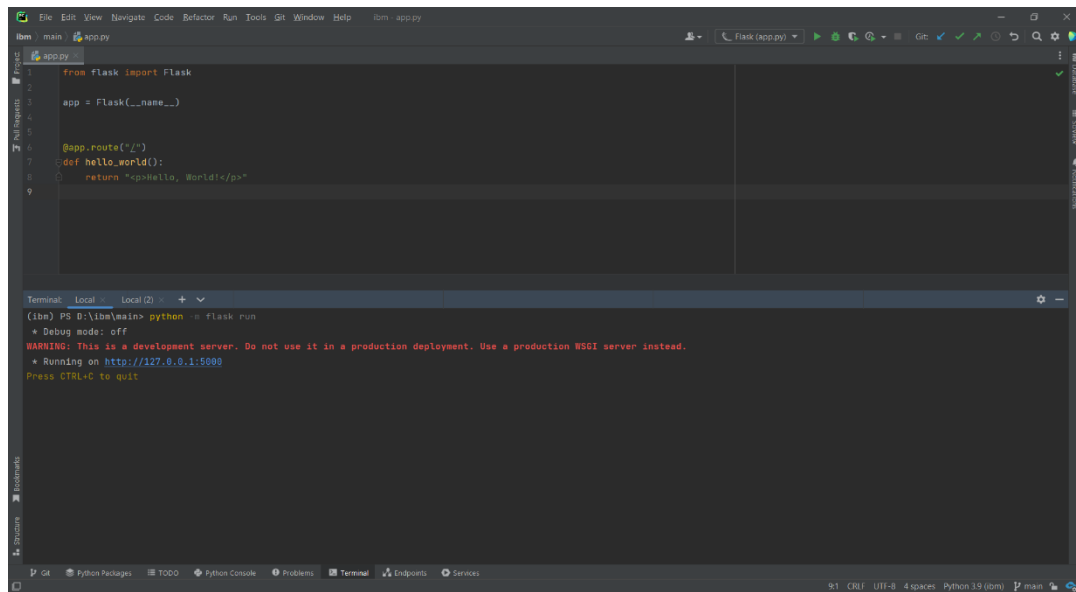
2) Create a Flask Application



```
from flask import Flask
app = Flask(__name__)

@app.route("/")
def hello_world():
    return "<p>hello, World!</p>"
```

3) Run the flask application with **flask run**



The screenshot shows an IDE window with a Python file named `app.py` and a terminal window below it. The code in `app.py` is as follows:

```
1 from flask import Flask
2
3 app = Flask(__name__)
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5 @app.route('/')
6 def hello_world():
7     return "Hello, World!</pre>
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```

The terminal window shows the command `python -m flask run` being executed. The output is:

```
(bm) PS 0:\lib\main> python -m flask run
* 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
```

4) Open the default URL [<http://localhost:5000>]

