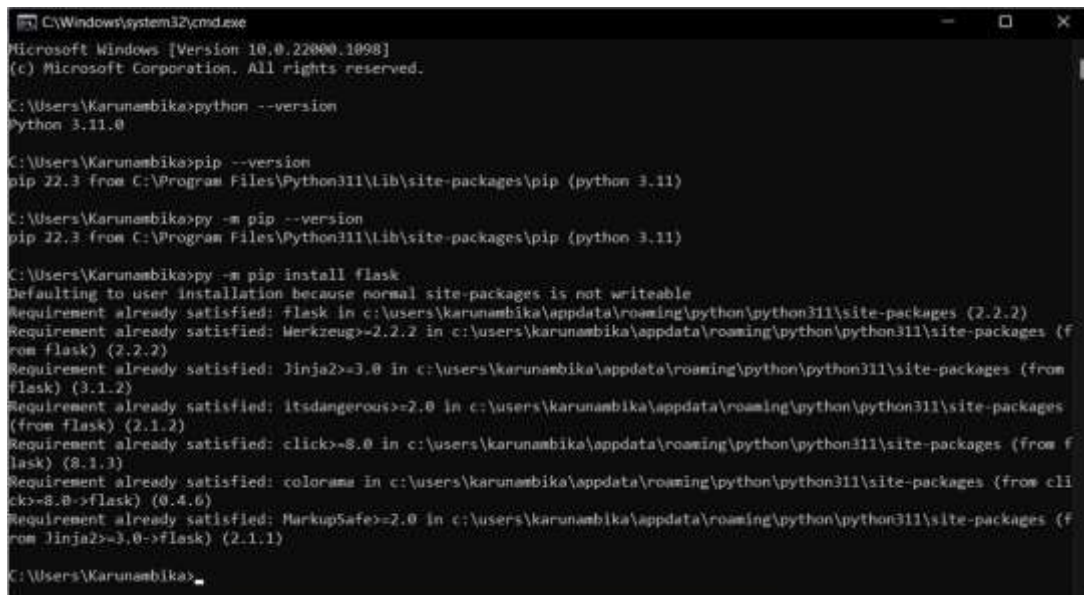


# Creation of Flask Project

TEAM ID	PNT2022TMID15260
PROJECT NAME	NEWS TRACKER APPLICATION

## 1) Installing Flask

The Flask is installed using command: `py -m pip install flask`



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Karunambika>python --version
Python 3.11.0

C:\Users\Karunambika>pip --version
pip 22.3 from C:\Program Files\Python311\Lib\site-packages\pip (python 3.11)

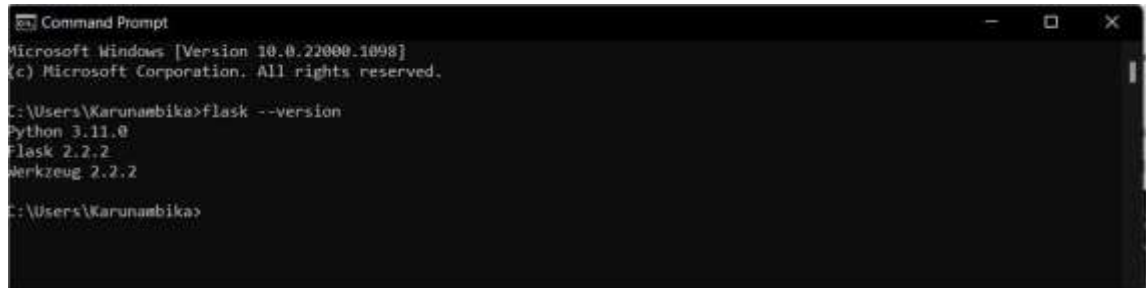
C:\Users\Karunambika>py -m pip --version
pip 22.3 from C:\Program Files\Python311\Lib\site-packages\pip (python 3.11)

C:\Users\Karunambika>py -m pip install flask
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: flask in c:\users\karunambika\appdata\roaming\python\python311\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\karunambika\appdata\roaming\python\python311\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\Karunambika>
```

Hence, flask is already installed successfully

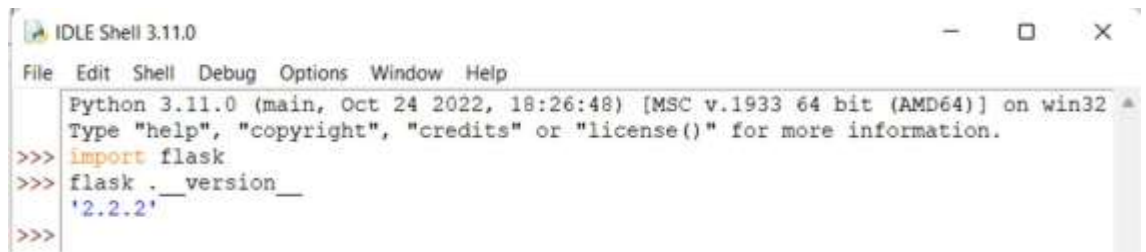
## 2) Verification of Flask Installation



```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Karunambika>flask --version
Python 3.11.0
Flask 2.2.2
 Werkzeug 2.2.2

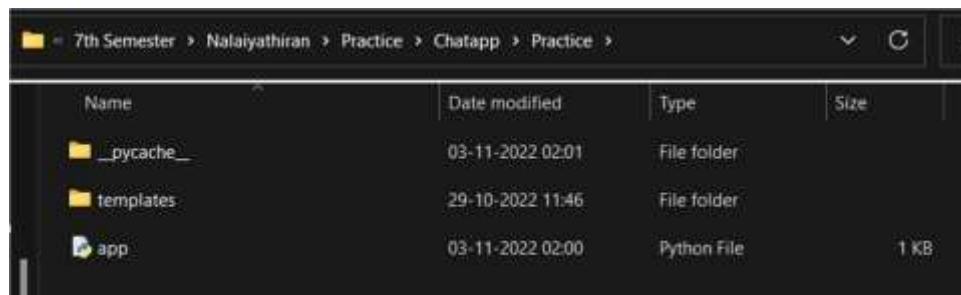
C:\Users\Karunambika>
```



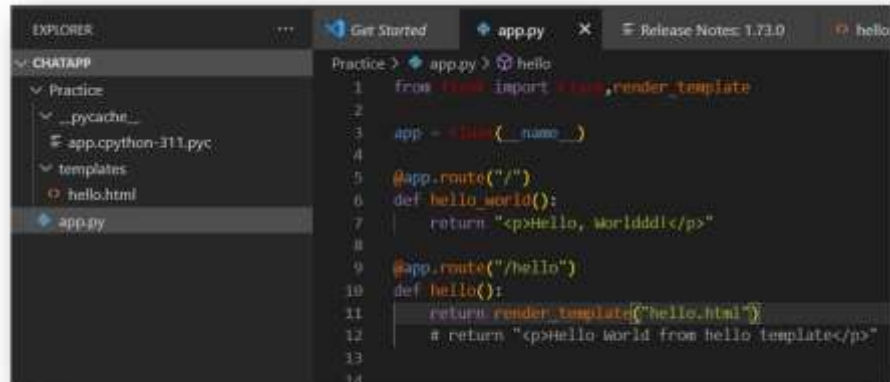
```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
'2.2.2'
>>>
```

## 3) Creation Flask Project

### i) Folder structure

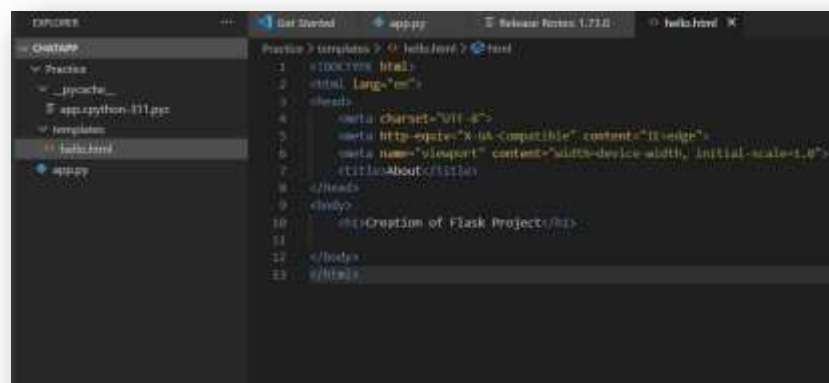


ii) App.py file



```
1 from flask import Flask, render_template
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def hello_world():
7     return "<p>Hello, worldddd</p>"
8
9 @app.route("/hello")
10 def hello():
11     return render_template("hello.html")
12     # return "<p>Hello world from hello template</p>"
13
14
```

iii) Template file(hello.html)



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>about</title>
8 </head>
9 <body>
10     <h1>Creation of Flask Project</h1>
11
12 </body>
13 </html>
```

Terminal : run app.py file



```
PS E:\VTS\workspace\chatapp\practice\chatapp> flask run
Usage: flask run [OPTIONS]
Try 'flask run -h' for help.

Error: Could not locate a Flask application. Use the 'FLASK_APP' environment variable, or a 'wsgi.py' or 'app.py' file in the current directory.

PS E:\VTS\workspace\chatapp\practice\chatapp> cd practice
PS E:\VTS\workspace\chatapp\practice\chatapp\practice> flask run
 * Running on http://127.0.0.1:5000
Press CTRL-C to quit
```

iv) Default route result



<http://127.0.0.1:5000/hello>

