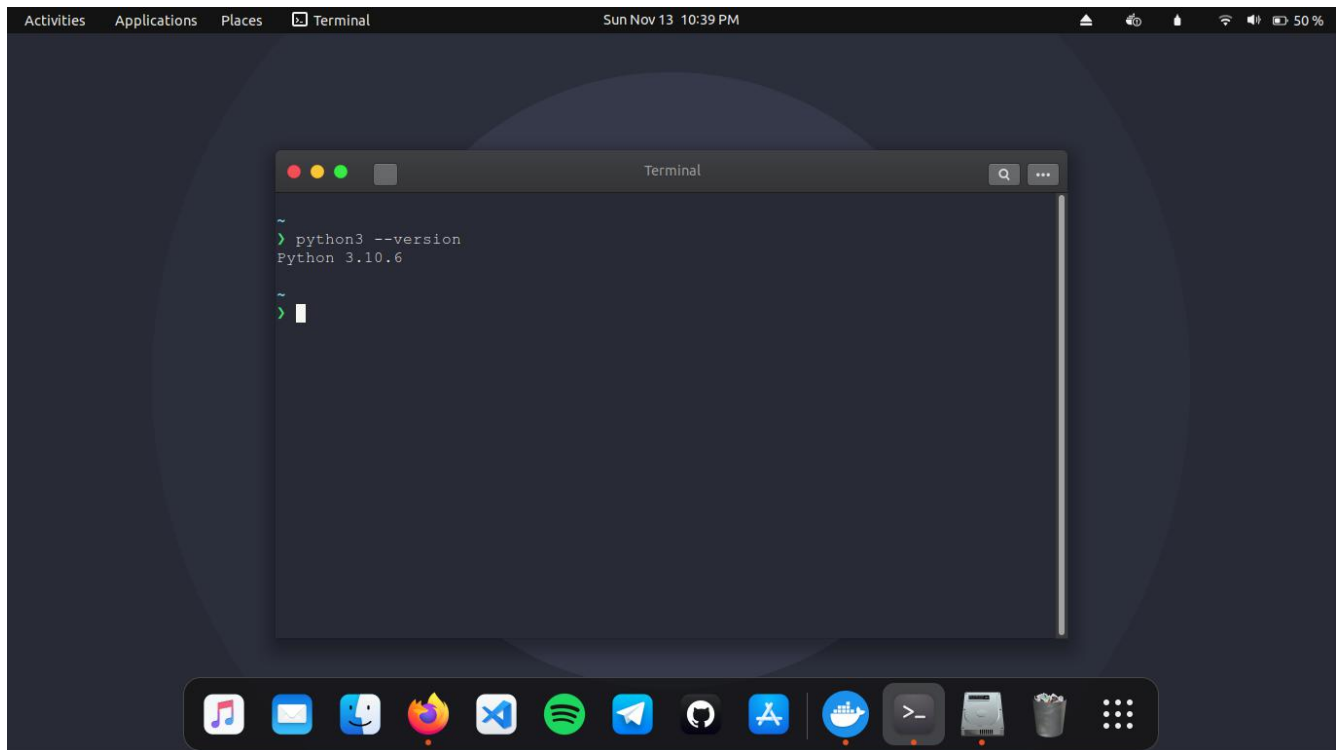


## Create Flask Project

Date	2 November 2022
Team ID	PNT2022TMID47667
Project Name	Personal Expense Tracker Application

**Step 1** - Install Python latest version from python.org



**Step 2** - Install Flask using command `pip install flask`

```
Activities Applications Places Terminal Sun Nov 13 10:43 PM
Terminal
Setting up python3.10 (3.10.6-1~22.04.1) ...
Setting up libpython3.10-dev:amd64 (3.10.6-1~22.04.1) ...
Setting up python3.10-dev (3.10.6-1~22.04.1) ...
Setting up libpython3-dev:amd64 (3.10.6-1~22.04) ...
Setting up python3-dev (3.10.6-1~22.04) ...
Processing triggers for desktop-file-utils (0.26-lubuntu3) ...
Processing triggers for gnome-menus (3.36.0-lubuntu3) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for mailcap (3.70+nmulubuntu1) ...

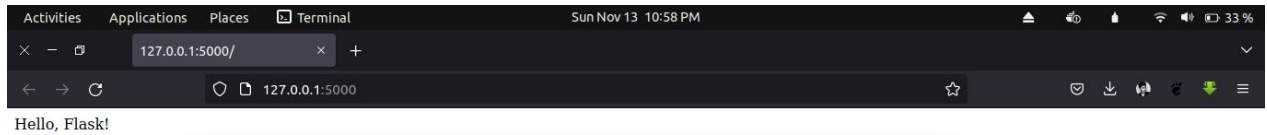
~ took 41s
> pip install flask
Defaulting to user installation because normal site-packages is not writeable
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    101.5/101.5 KB 498.0 kB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
    133.1/133.1 KB 705.0 kB/s eta 0:00:00
Requirement already satisfied: click>=8.0 in /usr/lib/python3/dist-packages (from flask) (8.0.3)
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
    232.7/232.7 KB 742.0 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Requirement already satisfied: MarkupSafe>=2.0 in /usr/lib/python3/dist-packages (from Jinja2>=3.0->flask) (2.0.1)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Installing collected packages: MarkupSafe, itsdangerous, Werkzeug, Jinja2, flask
WARNING: The script flask is installed in '/home/fawwash/.local/bin' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 flask-2.2.2 itsdangerous-2.1.2

~ took 5s
>
```

### Step 3 - Open a new Python file and start coding

```
from flask import Flask
app = Flask(__name__)
@app.route("/")
def home():
    return "Hello, Flask!"
if __name__ == '__main__': app.run(debug=True)
```

**Step 4.** Run the Python file using command `python3 app.py` and Open the Ip in browser

A screenshot of a terminal window titled "Terminal". It shows the execution of two commands: `python3 app.py` and `python3 -m flask run`. The output of the second command includes a warning about using a development server, the address `http://127.0.0.1:5000`, and two log entries for GET requests: one to `/` returning 200 and another to `/favicon.ico` returning 404.

```
~/Documents via v3.10.6
> python3 app.py

~/Documents via v3.10.6
> python3 -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
127.0.0.1 - - [13/Nov/2022 22:57:45] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [13/Nov/2022 22:57:45] "GET /favicon.ico HTTP/1.1" 404 -
```