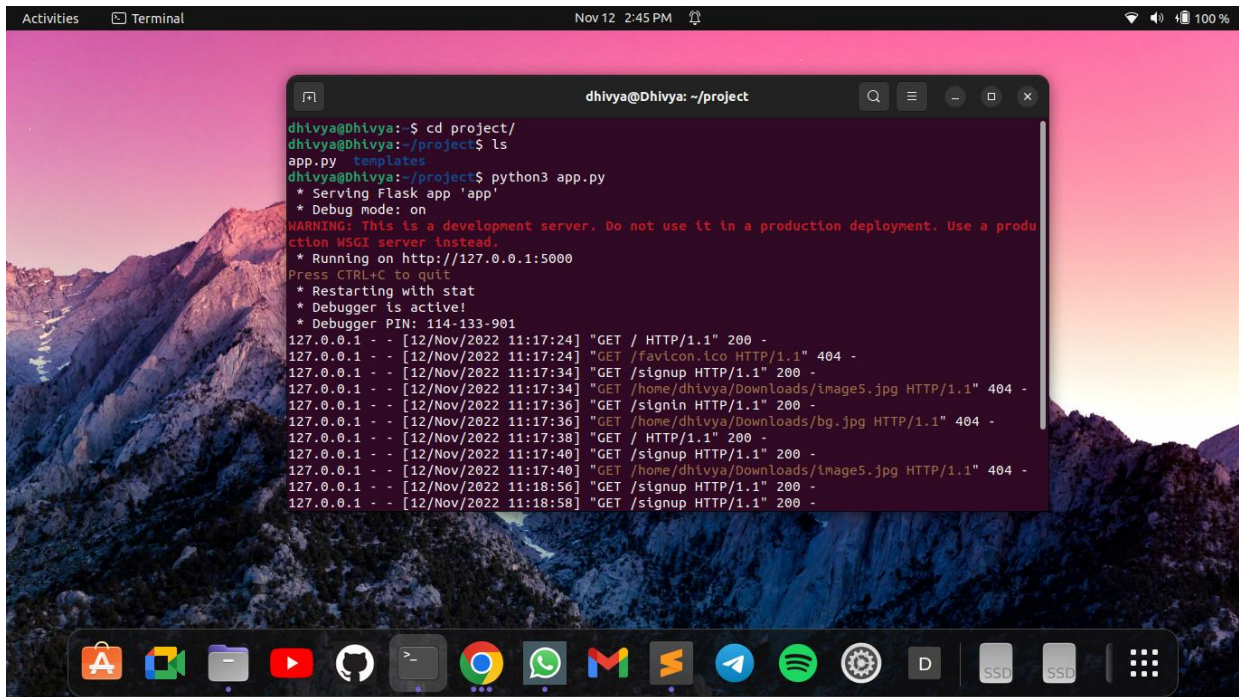


## Setting up Application Environment

### Create a Flask Project

Date	5 November 2022
Team ID	PNT2022TMID29771
Project Name	Nutrition Assistant Application
Maximum Marks	

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



```
dhivya@Dhivya: ~/project
dhivya@Dhivya:~/project$ cd project/
dhivya@Dhivya:~/project$ ls
app.py  templates
dhivya@Dhivya:~/project$ python3 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: 114-133-901
127.0.0.1 - - [12/Nov/2022 11:17:24] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:17:24] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [12/Nov/2022 11:17:34] "GET /signup HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:17:34] "GET /home/dhivya/Downloads/image5.jpg HTTP/1.1" 404 -
127.0.0.1 - - [12/Nov/2022 11:17:36] "GET /signin HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:17:36] "GET /home/dhivya/Downloads/bg.jpg HTTP/1.1" 404 -
127.0.0.1 - - [12/Nov/2022 11:17:38] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:17:40] "GET /signup HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:17:40] "GET /home/dhivya/Downloads/image5.jpg HTTP/1.1" 404 -
127.0.0.1 - - [12/Nov/2022 11:18:56] "GET /signup HTTP/1.1" 200 -
127.0.0.1 - - [12/Nov/2022 11:18:58] "GET /signup HTTP/1.1" 200 -
```

**Step 2:** Download Anaconda from <https://www.anaconda.com/> and install it by running the .exe file.

**Step 3:** Install Flask using command `pip install flask`.

**Step 4:** Open a new Python file and start coding

```
from flask import Flask

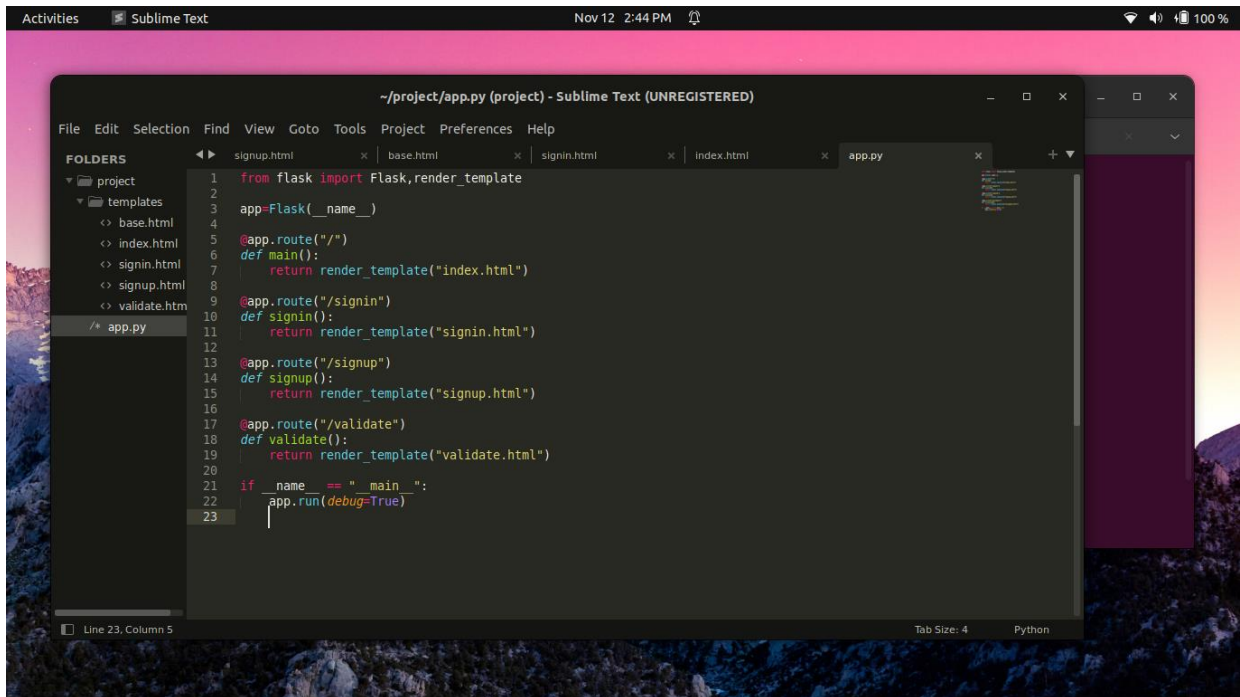
app = Flask(__name__)

@app.route("/")

def helloworld():

    return "Hello World!"

if __name__ == "__main__":
    app.run(debug=True)
```



```
~/project/app.py (project) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
FOLDERS
  project
    templates
      base.html
      index.html
      signin.html
      signup.html
      validate.html
  app.py
1 from flask import Flask, render_template
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def main():
7     return render_template("index.html")
8
9 @app.route("/signin")
10 def signin():
11     return render_template("signin.html")
12
13 @app.route("/signup")
14 def signup():
15     return render_template("signup.html")
16
17 @app.route("/validate")
18 def validate():
19     return render_template("validate.html")
20
21 if __name__ == "__main__":
22     app.run(debug=True)
23
Line 23, Column 5
Tab Size: 4
Python
```

**Step 5:** Run the python file using command `python filename.py`.

**Step 6:** Open the IP in browser.

