

Setting Up Application Environment

Create flask project

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Team ID	PNT2022TMID46351
Project Name	Nutrition Assistant Application
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Step 1:

Install the latest version of Python in your desktop, link: <https://www.python.org/downloads/>.

Step 2:

After that, Create new file in your desktop and open command prompt here and type this below command to install the flask. Then the flask will install in few seconds as shown below:

pip install Flask

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\reshmaa>pip install flask
Requirement already satisfied: flask in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: Jinja2>=3.0 in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: itsdangerous>=2.0 in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: click>=8.0 in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: colorama in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\reshmaa\appdata\local\programs\python\python311\lib\site-packages

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

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

C:\Users\reshmaa>
```

Step 3:

Then you can check whether the flask is installed or not in a system, by typing these Command in Command Prompt: *pip show flask*

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\reshmaa>pip show flask
Name: Flask
Version: 2.2.2
Summary: A simple framework for building complex web applications.
Home-page: https://palletsprojects.com/p/flask
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
License: BSD-3-Clause
Location: C:\Users\reshmaa\AppData\Local\Programs\Python\Python311\Lib\site-packages
Requires: click, itsdangerous, Jinja2, Werkzeug
Required-by:

C:\Users\reshmaa>
```

Step4:

Open Visual Studio Code and enter the code given below,

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

@app.route('/')
def hello_world():
    return 'Hello, World!'

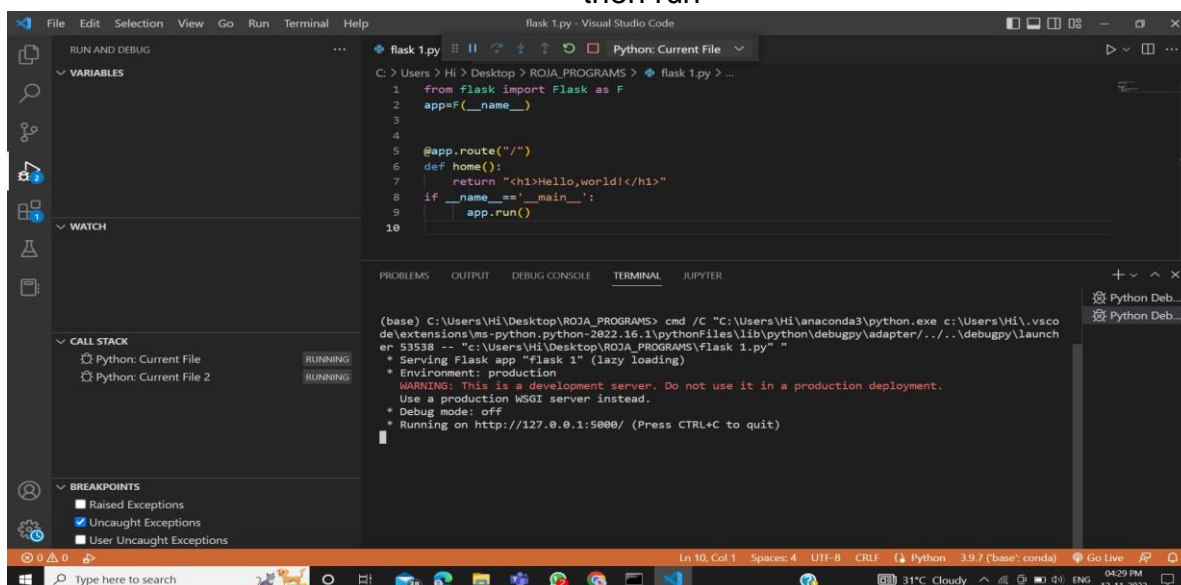
if __name__ == "__main__":
    app.run()
```

Step 5:

Save the code and give the file name as **app.py**.

Step 6:

Go to the file location and open python IDE and open **app.py** then run



Step 7:

Click the Link (or) Copy the address(<http://127.0.0.1:5000>) and put it, in the browser and click enter. Then the Result will be same as the below screenshot:



Step 8:

Now, you have successfully completed the process of creating simple flask project.