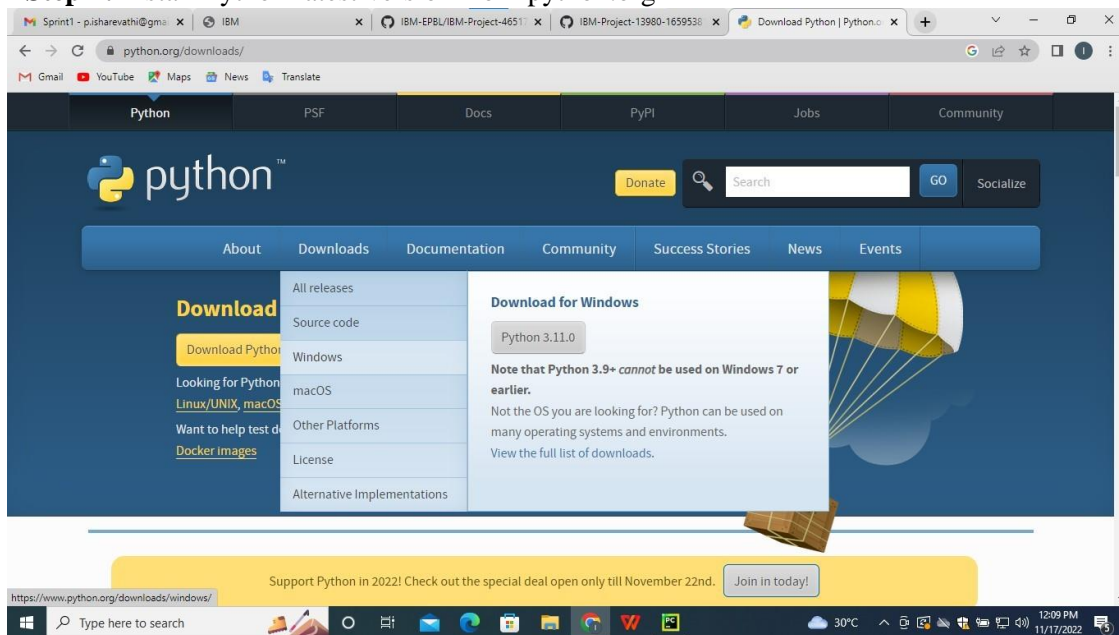


# SETTING UP APPLICATION ENVIRONMENT

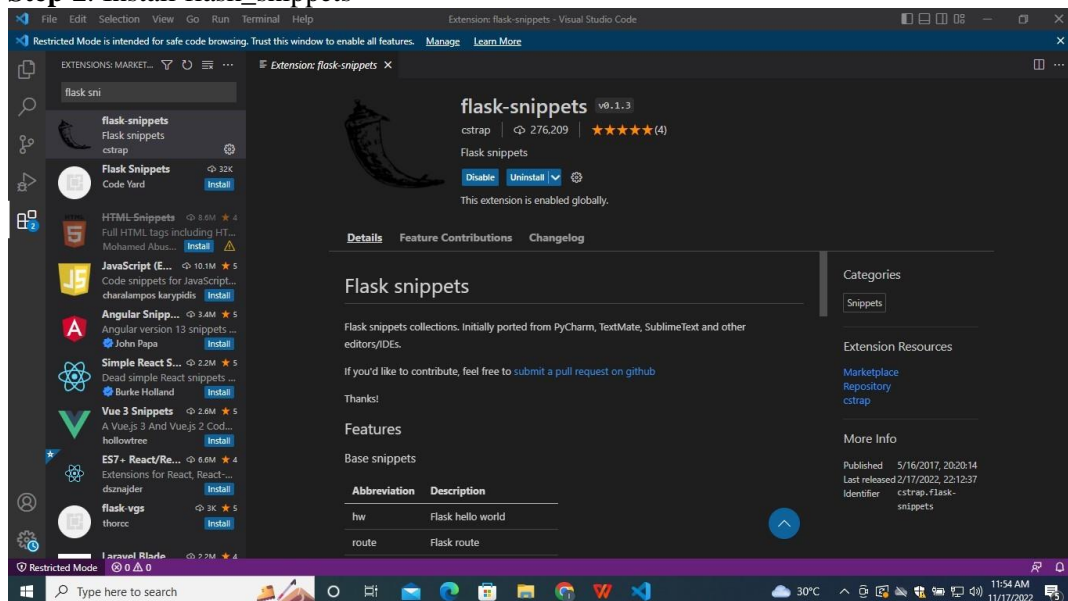
## Create Flask Project

Team ID	PNT2022TMID33146
Project Name	Plasma Donor Application
Date	20 November 2022

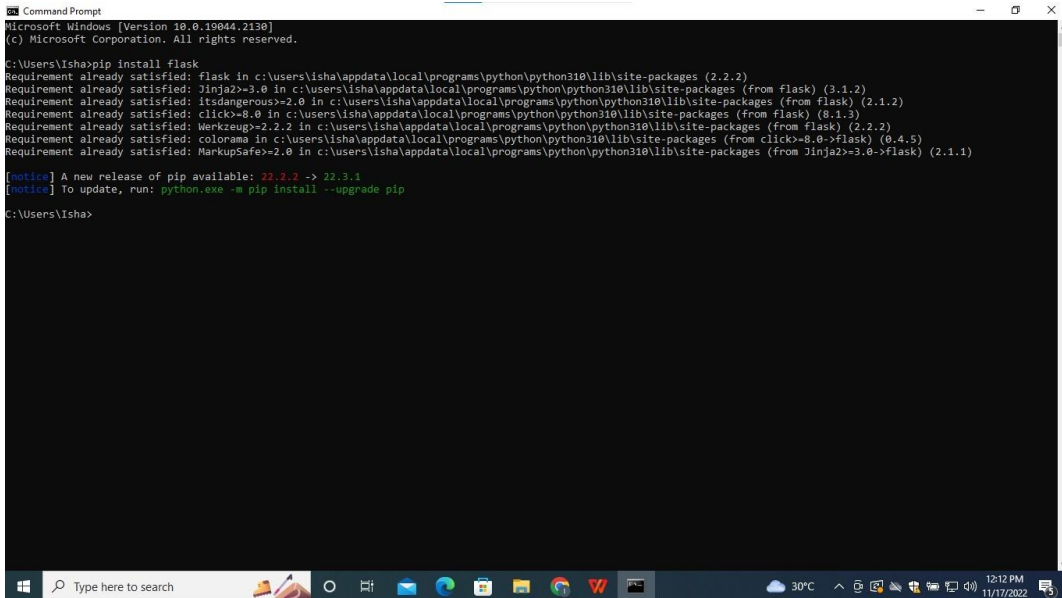
### Step 1. Install Python latest version from python.org



### Step 2. Install flask\_snippets



### Step 3. Install Flask using command pip install flask



```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Isha>pip install flask
Requirement already satisfied: flask in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\isha\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

[notice] A new release of pip available: 22.2.2 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

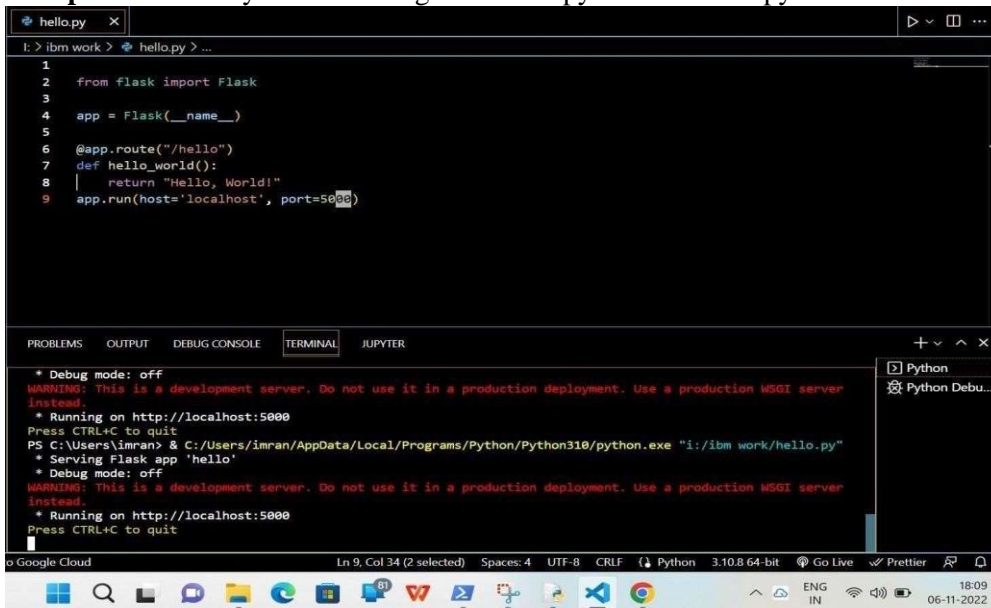
C:\Users\Isha>
```

### Step 4. Open a new Python file and start coding

from flask import Flask

```
app = Flask(__name_)
@app.route("/hello")
def hello_world():
    return "Hello, World!"
app.run(host='localhost', port=5000)
```

### Step 5. Run the Python file using command python filename.py



```
hello.py x
i: > ibm work > hello.py > ...

1
2 from flask import Flask
3
4 app = Flask(__name__)
5
6 @app.route("/hello")
7 def hello_world():
8     return "Hello, World!"
9 app.run(host='localhost', port=5000)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

* 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://localhost:5000
Press CTRL+C to quit
PS C:\Users\imran> & C:\Users\imran\AppData\Local\Programs\Python\Python310\python.exe "i:/ibm work/hello.py"
* Serving Flask app 'hello'
* 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://localhost:5000
Press CTRL+C to quit
```

## Step 6: Open the IP in browser

