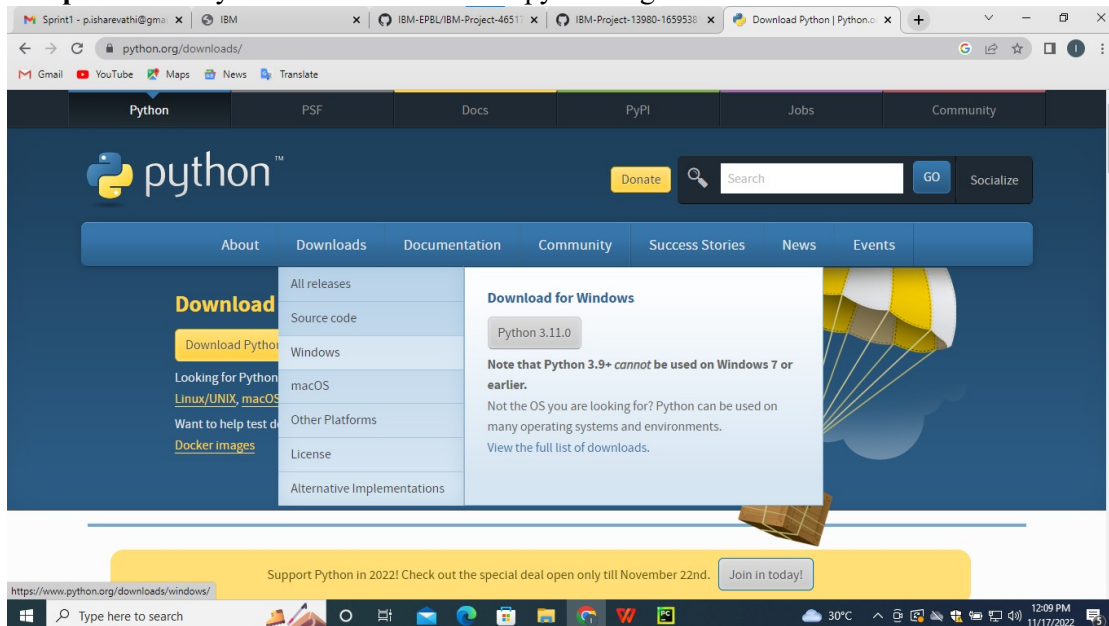


SETTING UP APPLICATION ENVIRONMENT

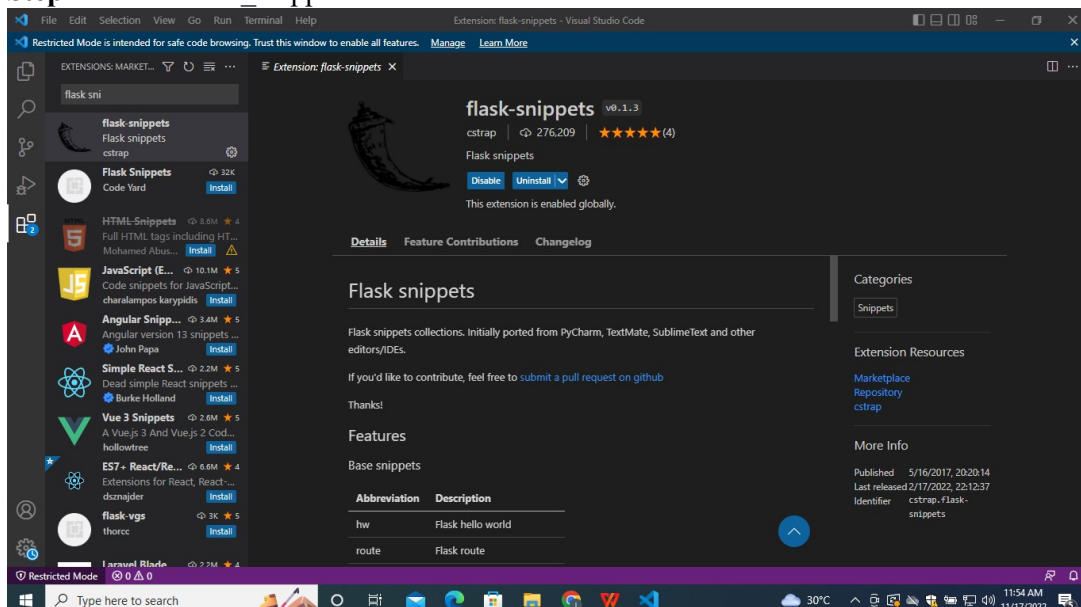
Create Flask Project

Team ID	PNT2022TMID50872
Project Name	Plasma Donor Application
Date	17 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

```
Command Prompt
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
t: > 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

