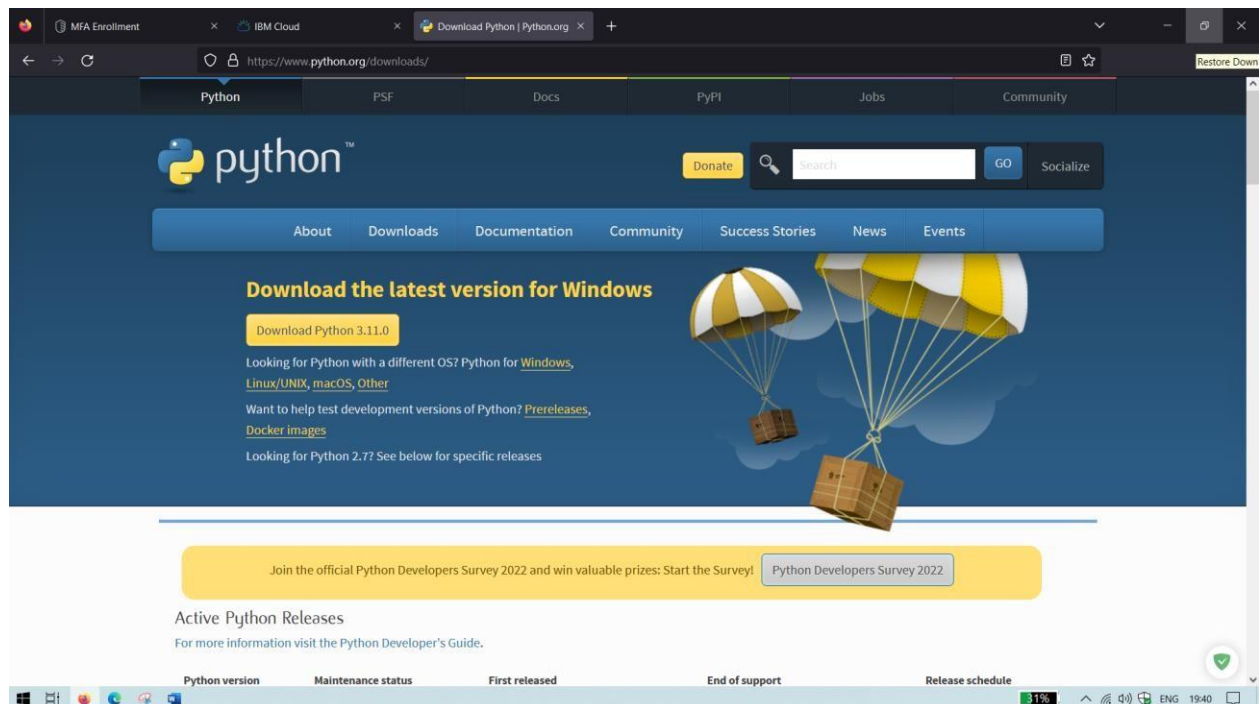


Setting up Application Environment

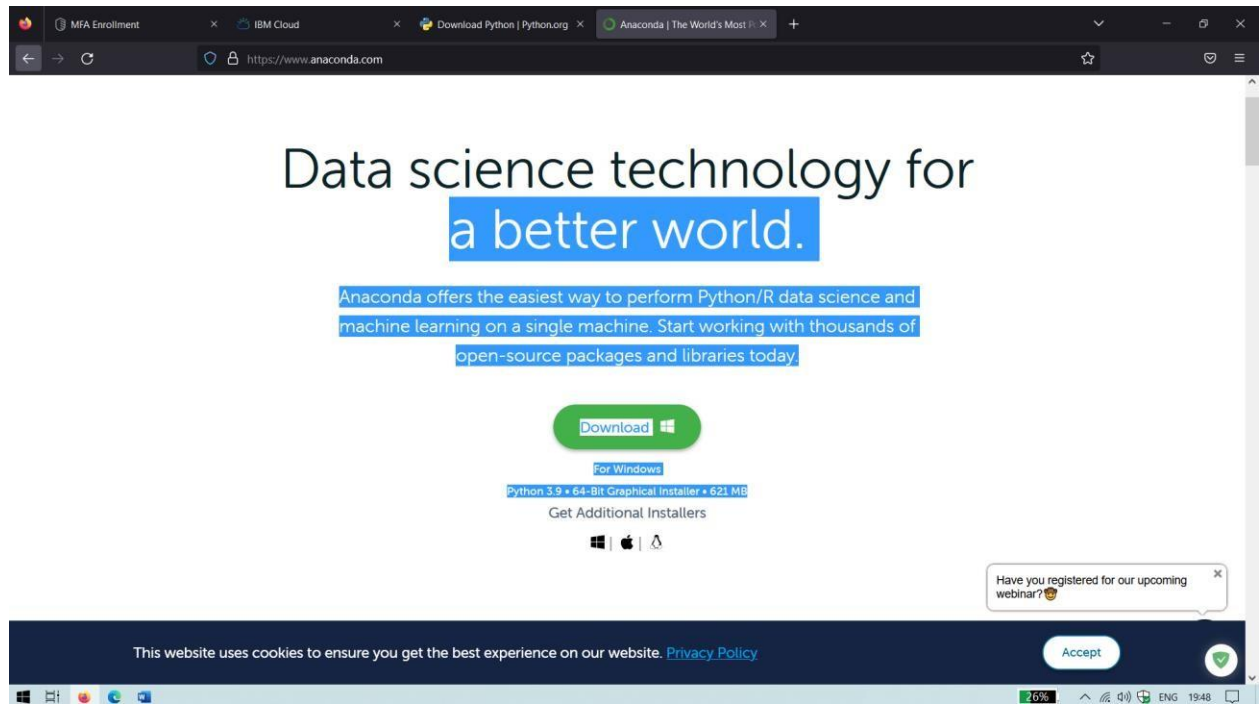
Create Flask Project

Date	10 October 2022
Team ID	PNT2022TMID23085
Project Name	Plasma Donor Application

Step 1. Install Python latest version from python.org



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

```
C:\Users\Vaishnavi>python --version
Microsoft Windows [Version 10.0.22000.1008]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vaishnavi>python --version
unknown option --version
usage: python [option] ... [-c cmd | -m mod | file | -] [arg] ...
Try 'python -h' for more information.

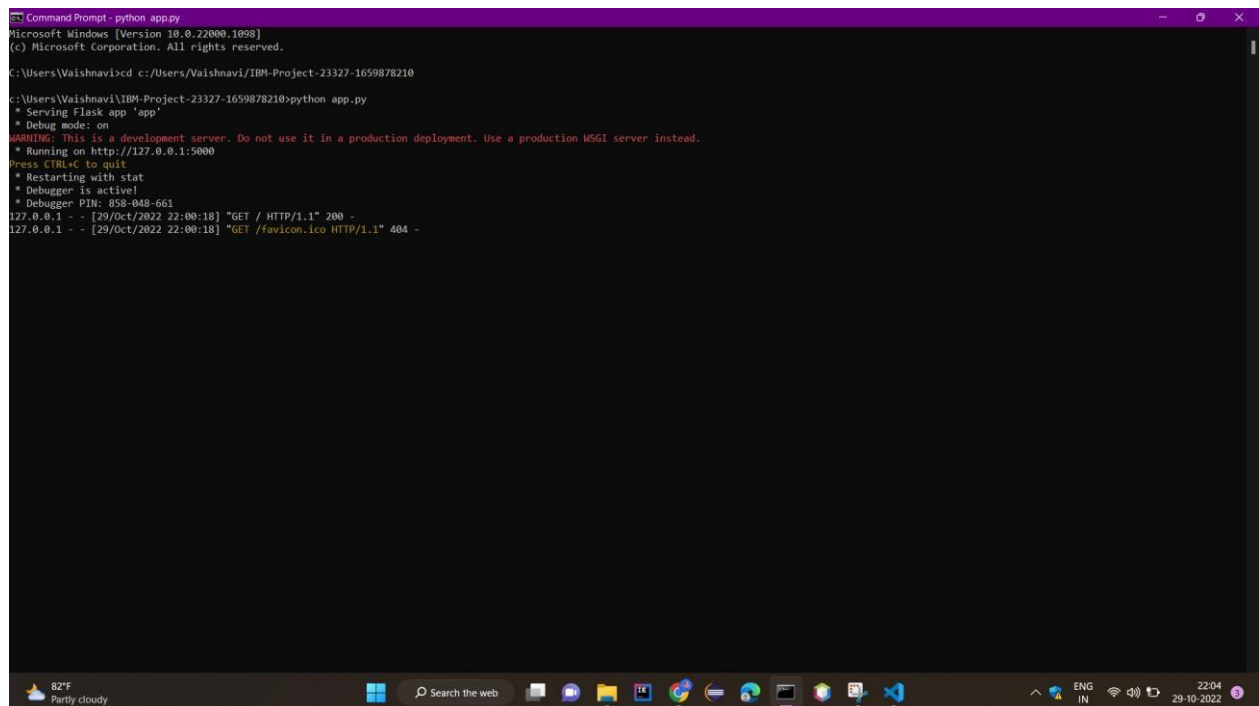
C:\Users\Vaishnavi>python --version
Python 3.10.5

C:\Users\Vaishnavi>pip install flask
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
Requirement already satisfied: flask in c:\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution - (c:\python310\lib\site-packages)
WARNING: You are using pip version 22.0.4; however, version 22.3 is available.
You should consider upgrading via the 'C:\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\Vaishnavi>
```

Step 4. Open a new Python file and start coding

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

Step 5. Run the Python file using command `python filename.py`A screenshot of a Windows Command Prompt window titled "Command Prompt - python app.py". The window shows the execution of a Python script. The user navigates to the directory "c:\Users\Vaishnavi\IBM-Project-23327-1659878210" and runs the command "python app.py". The output shows that the Flask application is running on http://127.0.0.1:5000. It includes a warning about using a development server and a message to press CTRL+C to quit. The application is restarted with statistics, showing that the debugger is active with a PIN of 858-048-661. Two HTTP requests are logged: a GET request to "/" returning 200 and a GET request to "/favicon.ico" returning 404. The Windows taskbar at the bottom shows the date as 29-10-2022 and the time as 22:04.

```
Command Prompt - python app.py  
Microsoft Windows [Version 10.0.22000.1098]  
(c) Microsoft Corporation. All rights reserved.  
  
c:\Users\Vaishnavi>cd c:\Users\Vaishnavi\IBM-Project-23327-1659878210  
  
c:\Users\Vaishnavi\IBM-Project-23327-1659878210>python 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: 858-048-661  
127.0.0.1 - - [29/Oct/2022 22:00:18] "GET / HTTP/1.1" 200 -  
127.0.0.1 - - [29/Oct/2022 22:00:18] "GET /favicon.ico HTTP/1.1" 404 -
```

Step 6: Open the Ip in browser

