

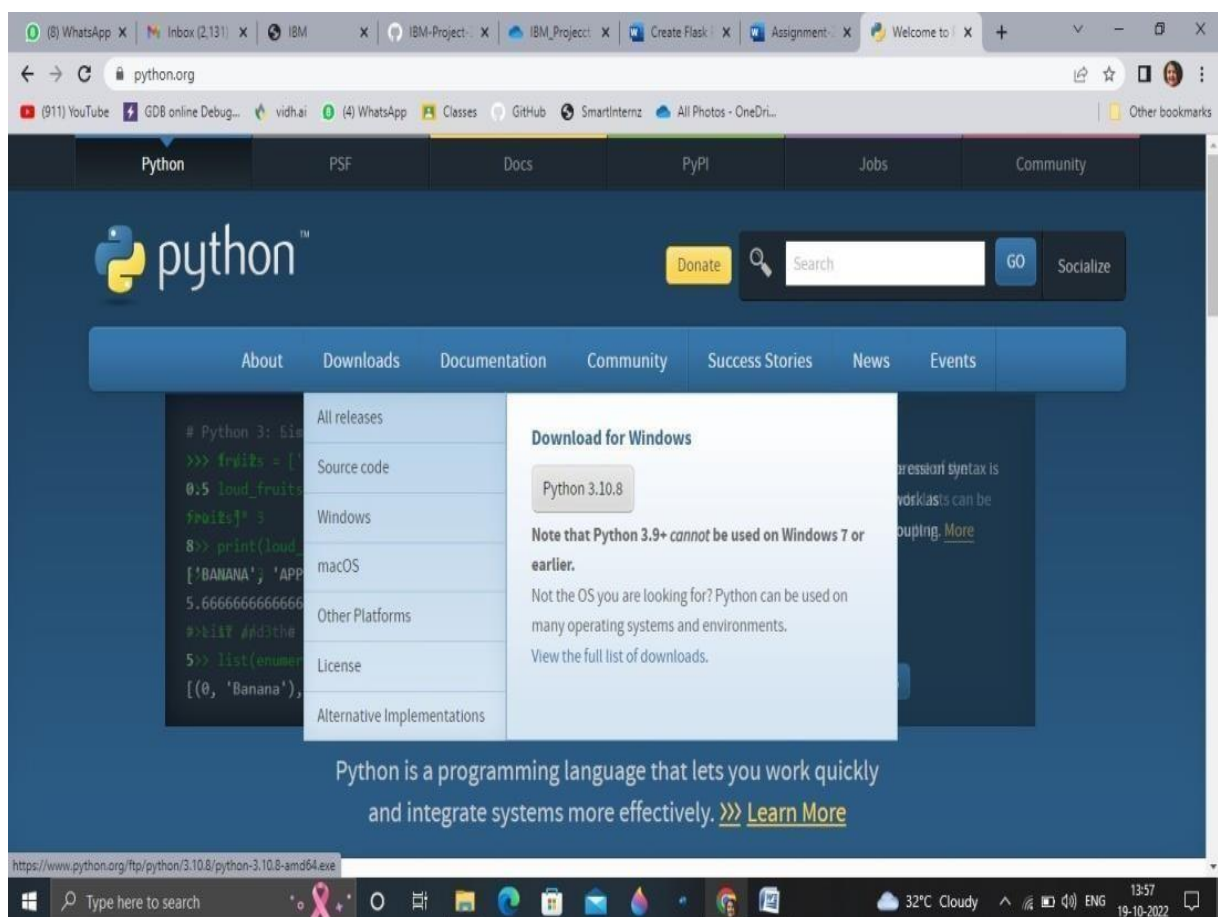
SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK PROJECT

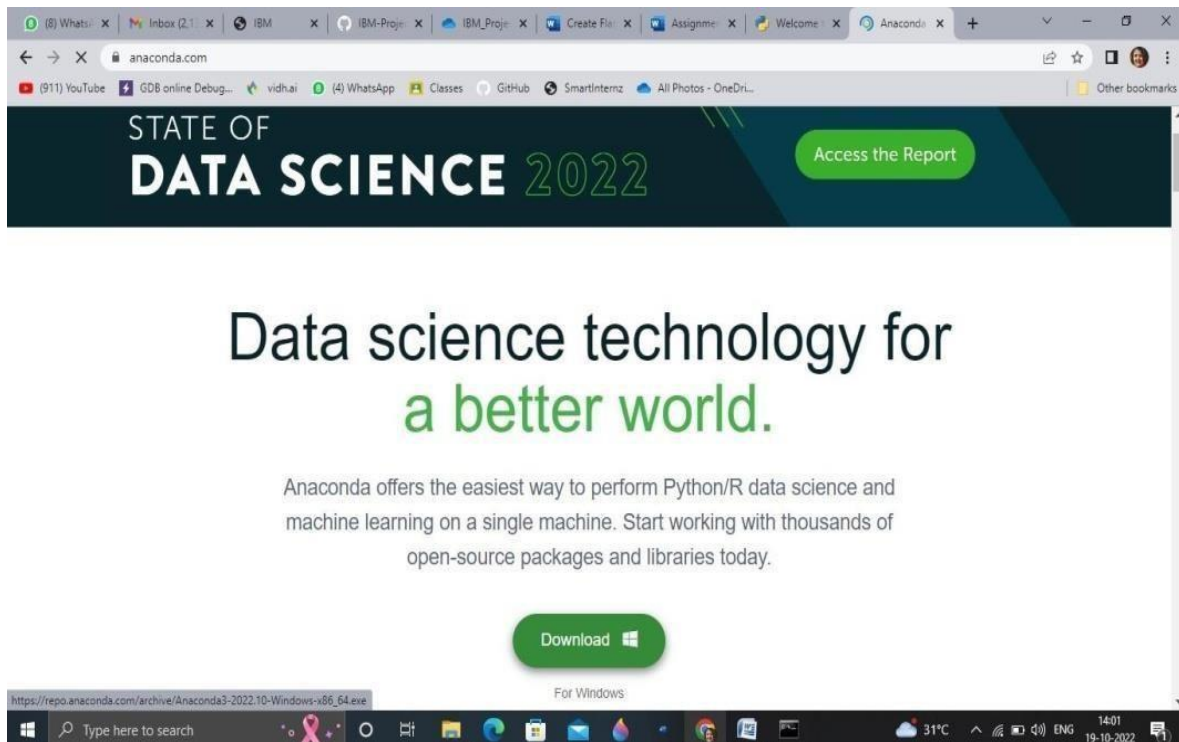
Six Steps have been followed to create Flask Project.

The Steps that we have followed have been described below

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

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2075]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Srivarshni>python --version
Python 3.10.7

C:\Users\Srivarshni>pip install flask
Requirement already satisfied: flask in f:\new folder\lib\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in f:\new folder\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in f:\new folder\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in f:\new folder\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.0 in f:\new folder\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in f:\new folder\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in f:\new folder\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\Srivarshni>
```

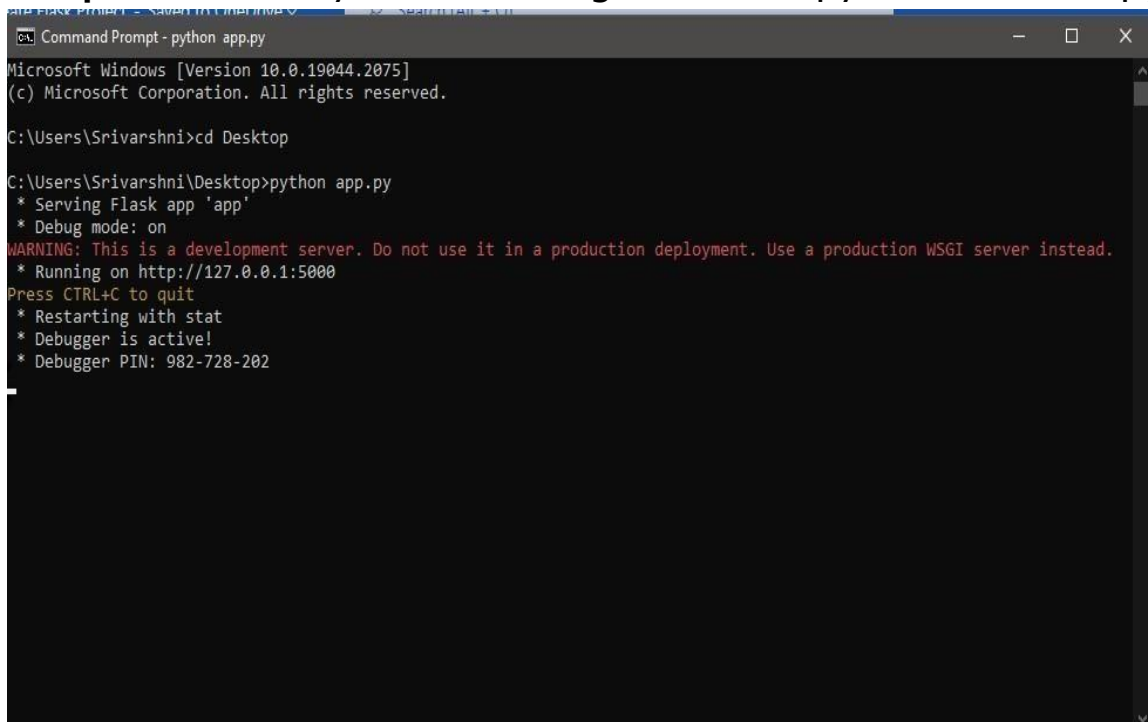
Step 4. Open a new Python file and start coding

```
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 Desktop directory and runs the command "python app.py". The output shows the Flask application starting in debug mode, serving on http://127.0.0.1:5000. A warning message is displayed: "WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead." The prompt also shows instructions to press CTRL+C to quit, restart with 'stat', and that the debugger is active with a PIN of 982-728-202.

```
Command Prompt - python app.py
Microsoft Windows [Version 10.0.19044.2075]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Srivarshni>cd Desktop

C:\Users\Srivarshni\Desktop>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: 982-728-202
```

Step 6: Open the Ip in browser

