

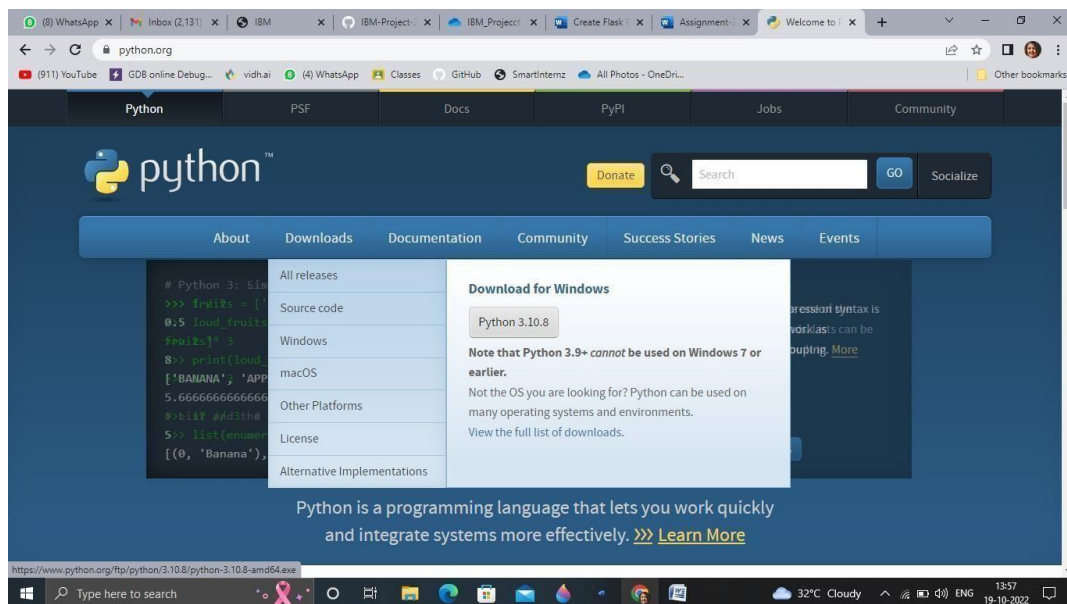
SETTING UP APPLICATION ENVIRONMENT

Create Flask Project

Team ID	PNT2022TMID39806
Project Name	Skill / Job Recommender Application
Date	09 October 2022

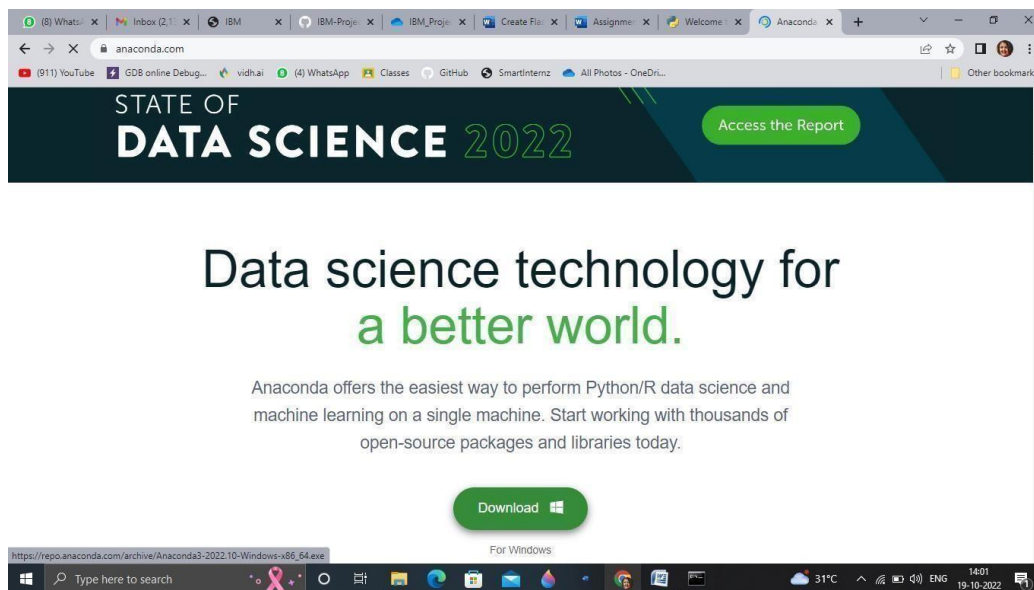
Step 1

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`

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

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

Step 4

Open a new Python file and start coding

```
from flask import Flask

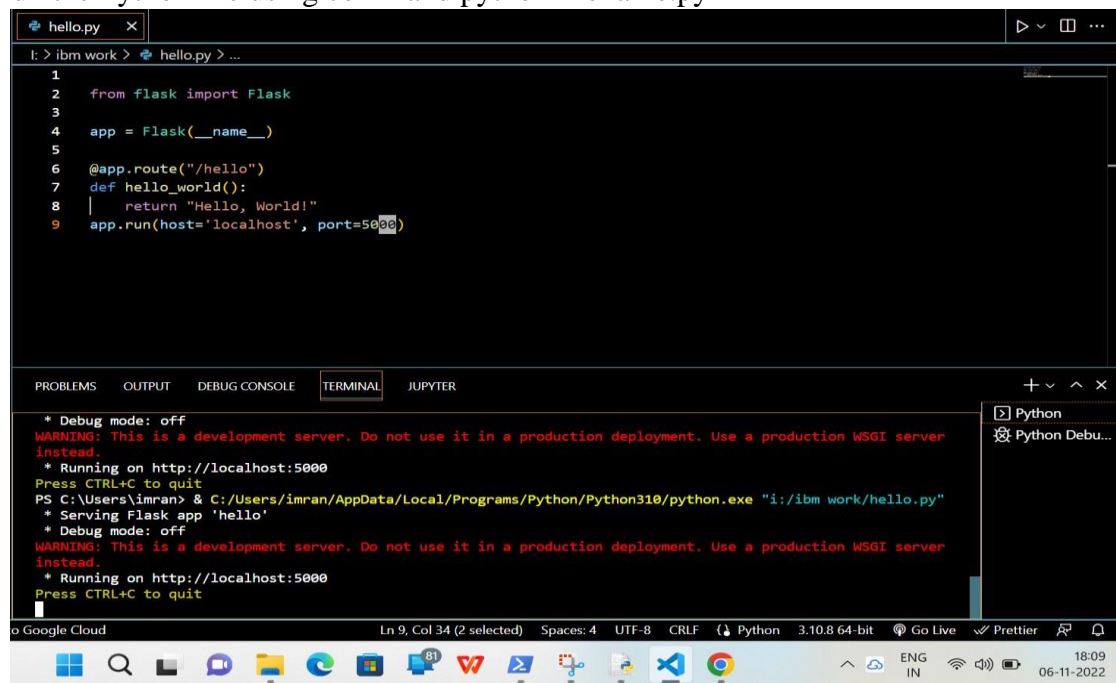
app = Flask(__name__)

@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`



The screenshot shows a code editor with a file named `hello.py` open. The code is a simple Flask application that runs on `localhost:5000` and returns "Hello, World!". The terminal output shows the application running successfully, with warnings about using a development server in production. The status bar at the bottom indicates the file is encoded in UTF-8, uses CRLF line endings, and is using Python 3.10.8 64-bit.

```
1 from flask import Flask
2
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)
```

Terminal Output:

```
* 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

