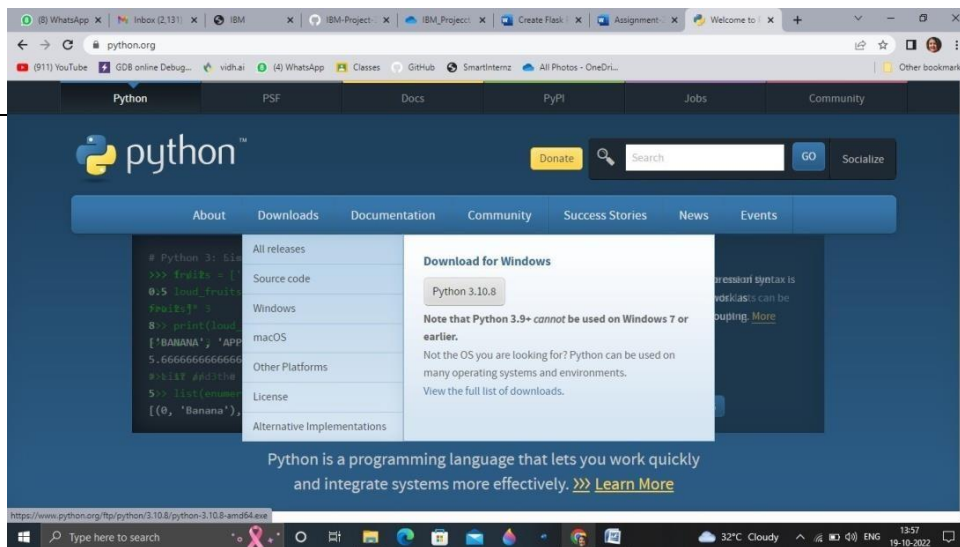


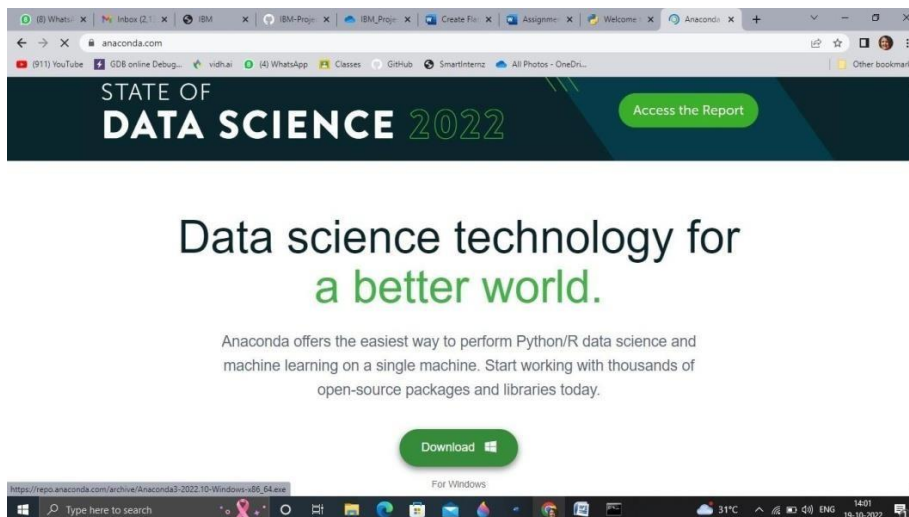
SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK

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



```

C:\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>

```

The screenshot shows the PyCharm IDE interface. The top toolbar includes icons for File, Edit, View, Navigate, Code, Refactor, Run, Tools, VCS, Window, and Help. The main editor window displays a Python file named `main.py` with the following code:

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route('/')
6 def index():
7     return 'Web App with Python Flask!'
8
9 app.run(host='0.0.0.0', port=81)
```

The left sidebar shows the Project view with the following structure:

- deva
 - main.py
 - venv
 - library root
- External Libraries
- Scratches and Consoles

The bottom Run console shows the output of the application:

```
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:81
* Running on http://192.168.1.23:81
Press CTRL+C to quit
192.168.1.23 - - [02/Nov/2022 20:30:17] "GET / HTTP/1.1" 200 -
```

The bottom status bar indicates the following information:

- Version Control
- Run
- TODO
- Problems
- Terminal
- Python Packages
- Python Console
- Services

The bottom right corner shows the current file encoding and interpreter: 7-25 CRLF UTF-8 4 spaces Python 3.9 (deva).

Step 5: Open the Ip in browser



Web App with Python Flask!
