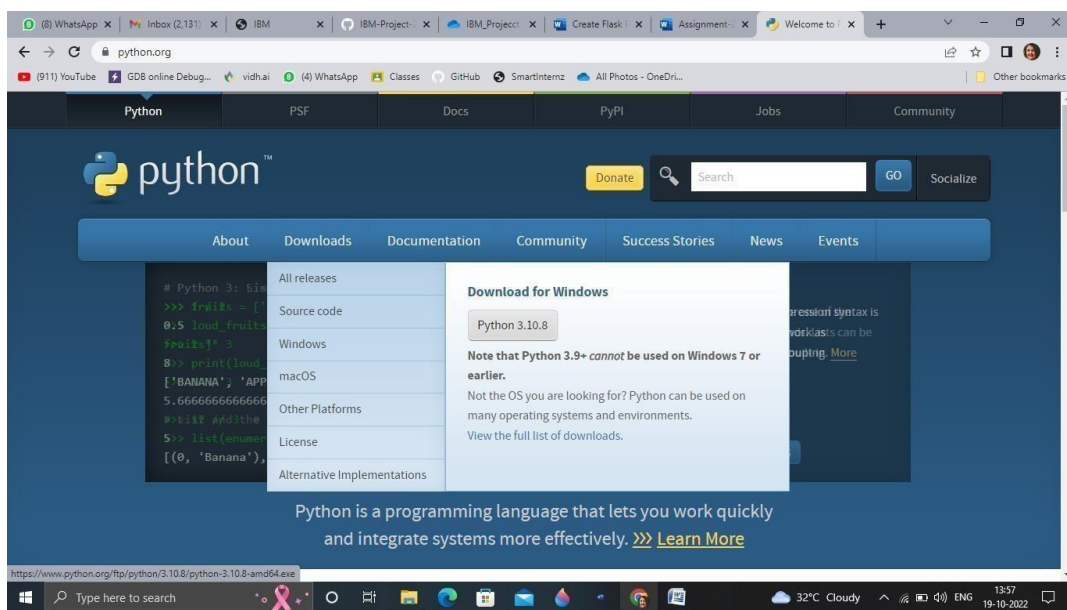


SETTING UP APPLICATION ENVIRONMENT

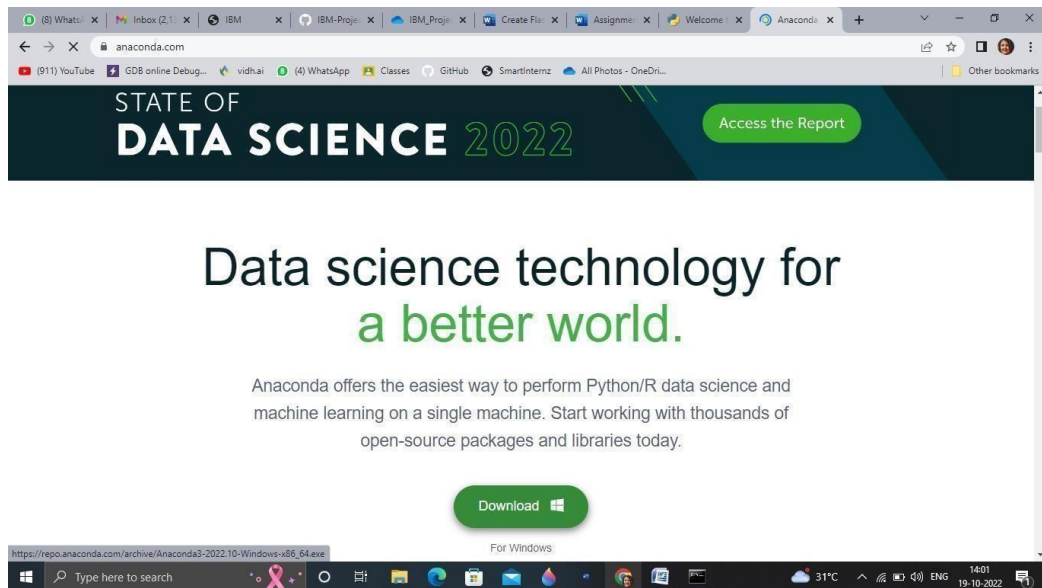
Create Flask Project

Team ID	PNT2022TMID52529
Project Name	Inventory Management System
Date	

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
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\Star> pip install flask
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: flask in c:\users\star\appdata\roaming\python\python310\site-packages (2.2.2)
Requirement already satisfied: click>=8.0 in c:\users\star\appdata\roaming\python\python310\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\star\appdata\roaming\python\python310\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\star\appdata\roaming\python\python310\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\star\appdata\roaming\python\python310\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\users\star\appdata\roaming\python\python310\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\star\appdata\roaming\python\python310\site-packages (from Jinja2>=3.0->flask) (2.1.1)

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\Star> python.exe -m pip install --upgrade pip
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: pip in c:\program files\python310\lib\site-packages (22.3)
Collecting pip
  Downloading pip-22.3.1-py3-none-any.whl (2.1 MB)
    -----
Installing collected packages: pip
  WARNING: The scripts pip.exe, pip3.10.exe and pip3.exe are installed in 'C:\Users\Star\AppData\Roaming\Python\Python310\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed pip-22.3.1

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\Star>
```

Step 4. Open a new Python file and start coding

```
from flask import Flask

app = Flask(__name__)

@app.route('/')
def index():
    return 'hello world'

app.run(host='0.0.0.0', port=81)
```

Step 5. Run the Python file using command python filename.py

from flask import Flask.py - Visual Studio Code



The screenshot shows the Visual Studio Code interface with a Python file named 'from flask import Flask.py' open. The code defines a simple Flask application with a single route. The terminal at the bottom shows the command 'python from flask import Flask.py' being executed, and the application is running on port 81. The terminal output includes a warning about using a development server and the application's status.

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

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

SyntaxError: invalid syntax
PS C:\Users\Star> c:; cd 'c:\Users\Star'; & 'C:\Program Files\Python310\python.exe' 'c:\Users\Star\vscode\extensions\ms-python.python-2022.18.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '58470' '--' 'c:\Users\Star\from flask import Flask.py'
* Serving Flask app 'from flask import Flask'
* 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 all addresses (0.0.0.0)
* Running on http://127.0.0.1:81
* Running on http://192.168.40.152:81
Press CTRL+C to quit
192.168.40.152 - - [07/Nov/2022 21:20:09] "GET / HTTP/1.1" 200 -

Step 6: Open the IP in browser

