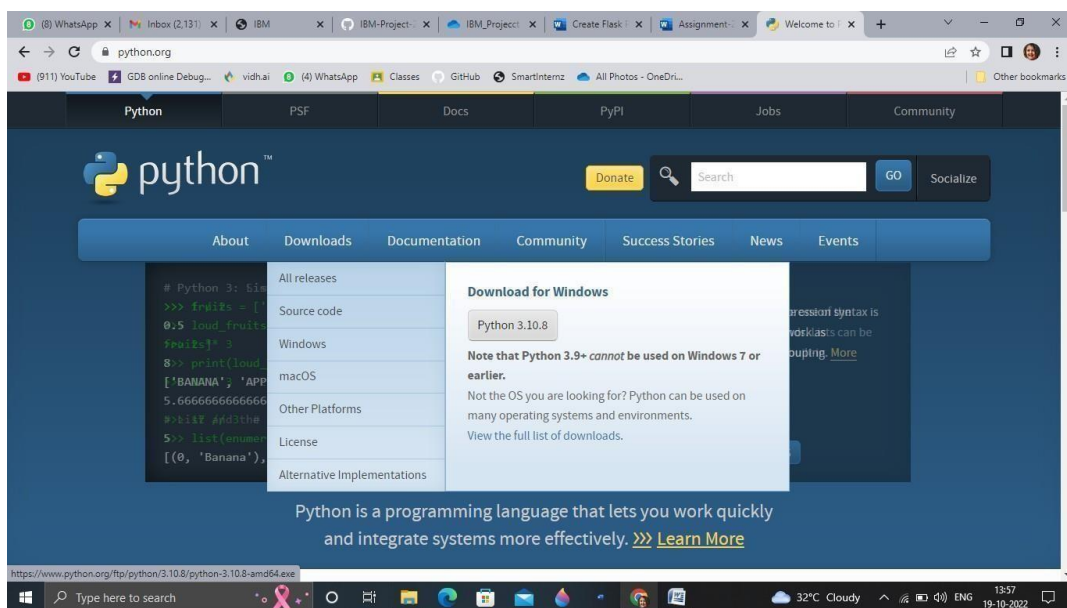


SETTING UP APPLICATION ENVIRONMENT

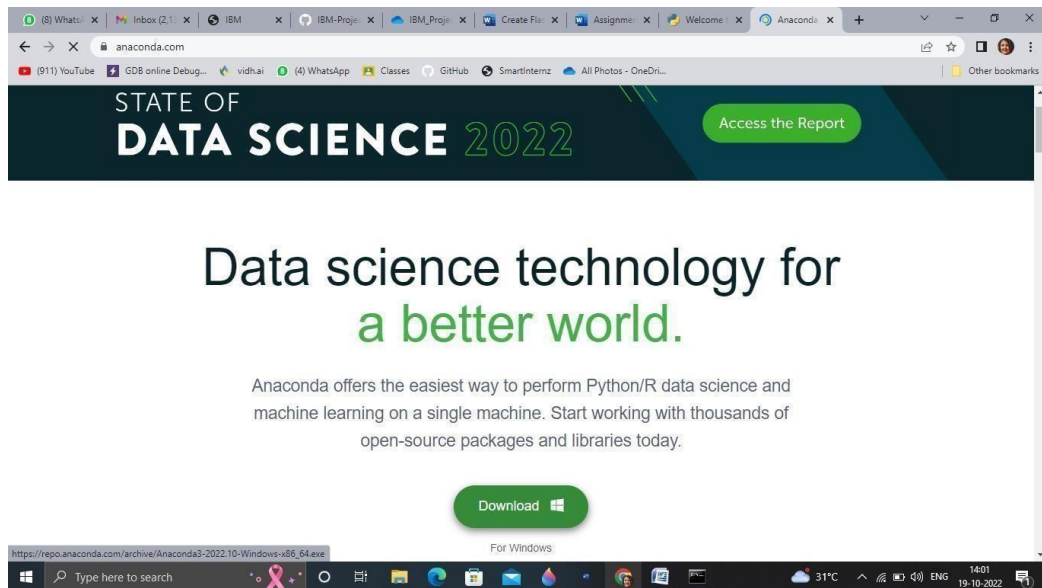
Create Flask Project

Team ID	PNT2022TMID52529
Project Name	Inventory Management System
Date	24 OCT 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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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)
    .....: 2.1 MB 311.3 kb/s eta 0:00:00
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 in the editor. The code defines a simple Flask application with a single route. The terminal at the bottom shows the command to run the application and the output, including 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

