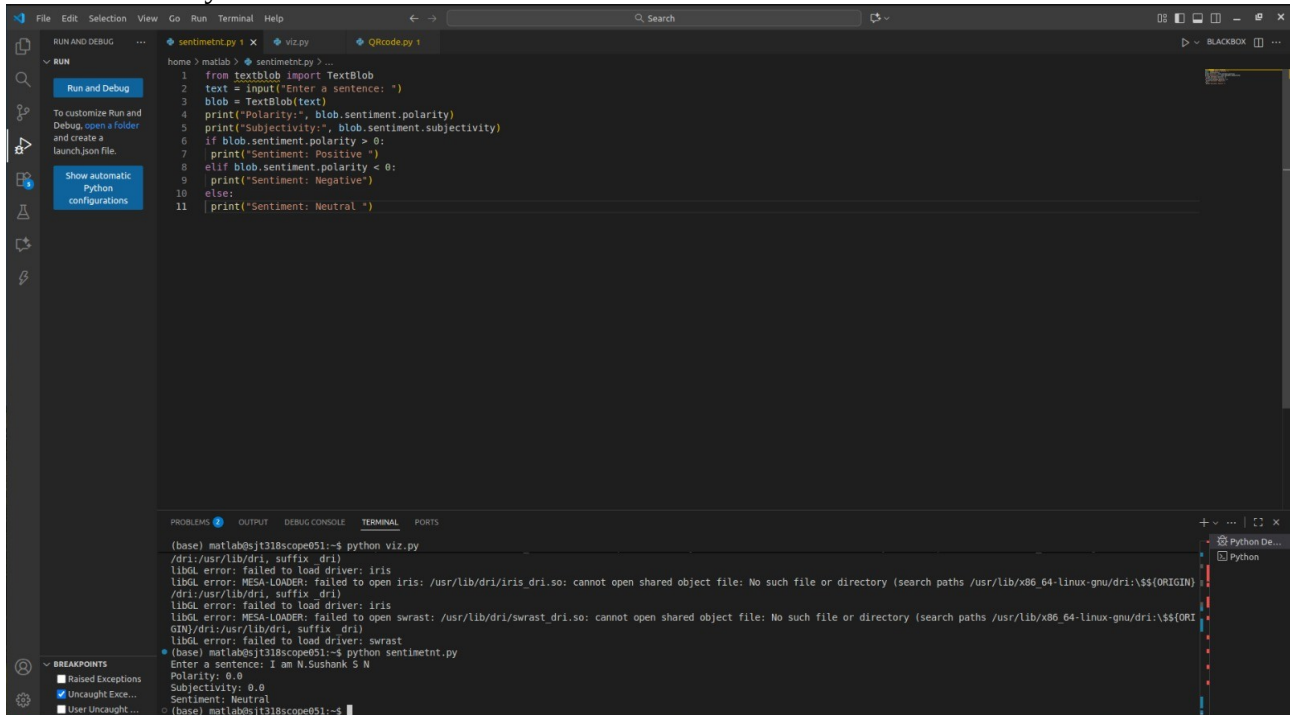


CSI3003:Advance Python Programming

VSCode:

- >We can use extensions and can use Google collab and many with help of extension.
- > We can use Code Runner to run all type of programming language codes in the same place

Sentiment Analysis Code:

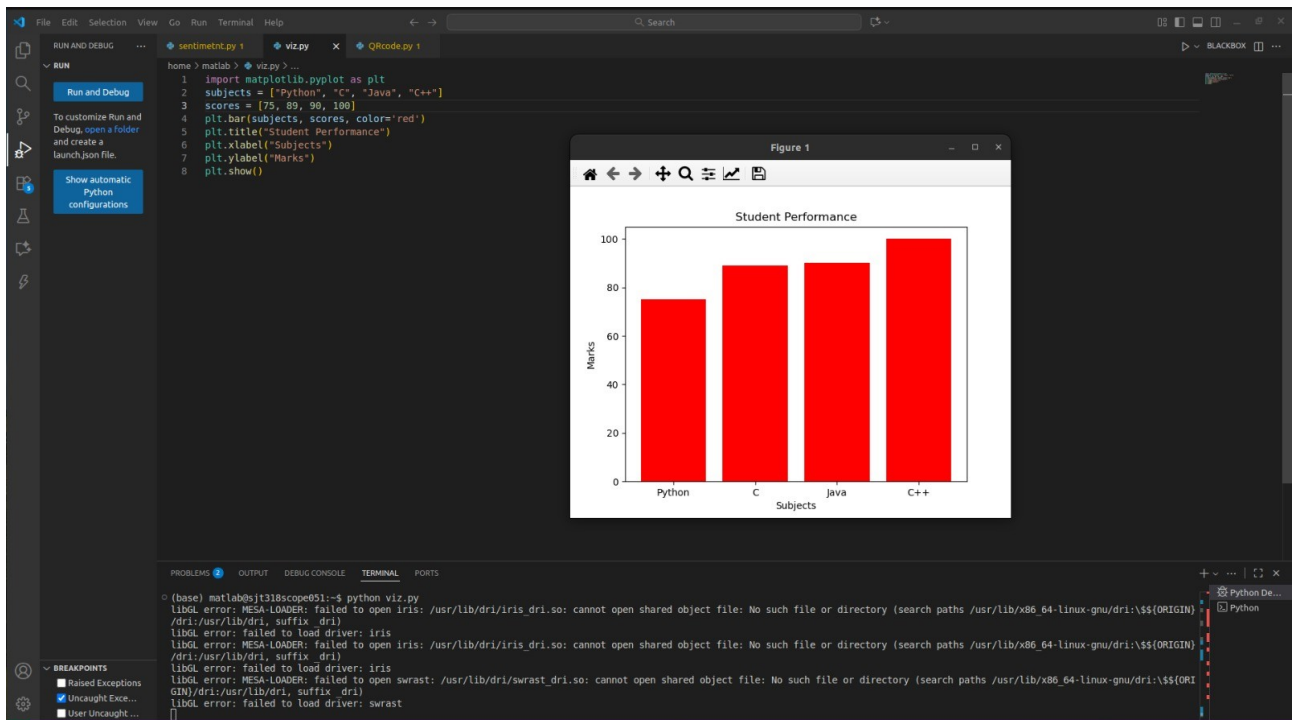


The screenshot shows the VS Code interface with a Python file named `sentimentnt.py` open. The code uses `TextBlob` for sentiment analysis. The terminal at the bottom shows the execution of `python viz.py` and `python sentimentnt.py`. The first command results in several `libGL` errors related to the `iris` and `swrast` drivers. The second command successfully runs the sentiment analysis script, which prompts for a sentence and outputs the polarity, subjectivity, and sentiment.

```
home > matlab > sentimentnt.py > ...
1 from textblob import TextBlob
2 text = input("Enter a sentence: ")
3 blob = TextBlob(text)
4 print("Polarity:", blob.sentiment.polarity)
5 print("Subjectivity:", blob.sentiment.subjectivity)
6 if blob.sentiment.polarity > 0:
7     print("Sentiment: Positive ")
8 elif blob.sentiment.polarity < 0:
9     print("Sentiment: Negative")
10 else:
11     print("Sentiment: Neutral ")

(base) matlab@j1318scope051:~$ python viz.py
/dri:/usr/lib/dri, suffix dri)
libGL error: failed to load driver: iris
libGL error: MESA-LOADER: failed to open iris: /usr/lib/dri/iris_dri.so: cannot open shared object file: No such file or directory (search paths /usr/lib/x86_64-linux-gnu/dri:\$${ORIGIN}
/dri:/usr/lib/dri, suffix dri)
libGL error: failed to load driver: iris
libGL error: MESA-LOADER: failed to open swrast: /usr/lib/dri/swrast_dri.so: cannot open shared object file: No such file or directory (search paths /usr/lib/x86_64-linux-gnu/dri:\$${ORI
GNU/dri:/usr/lib/dri, suffix dri)
libGL error: failed to load driver: swrast
(base) matlab@j1318scope051:~$ python sentimentnt.py
Enter a sentence: I am N.Sushank S N
Polarity: 0.0
Subjectivity: 0.0
Sentiment: Neutral
(base) matlab@j1318scope051:~$
```

Using Matplotlib:



Generating Qr Code

