

Advance Python Programming

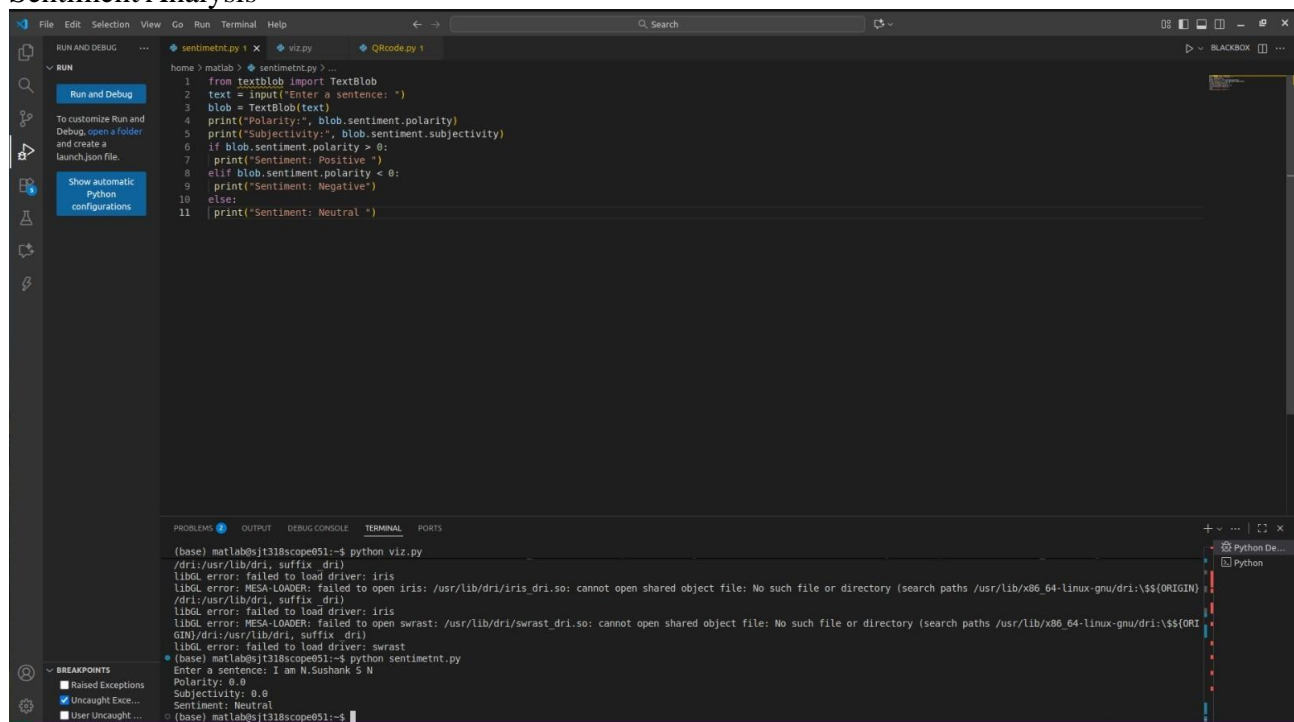
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VSCode:

- >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



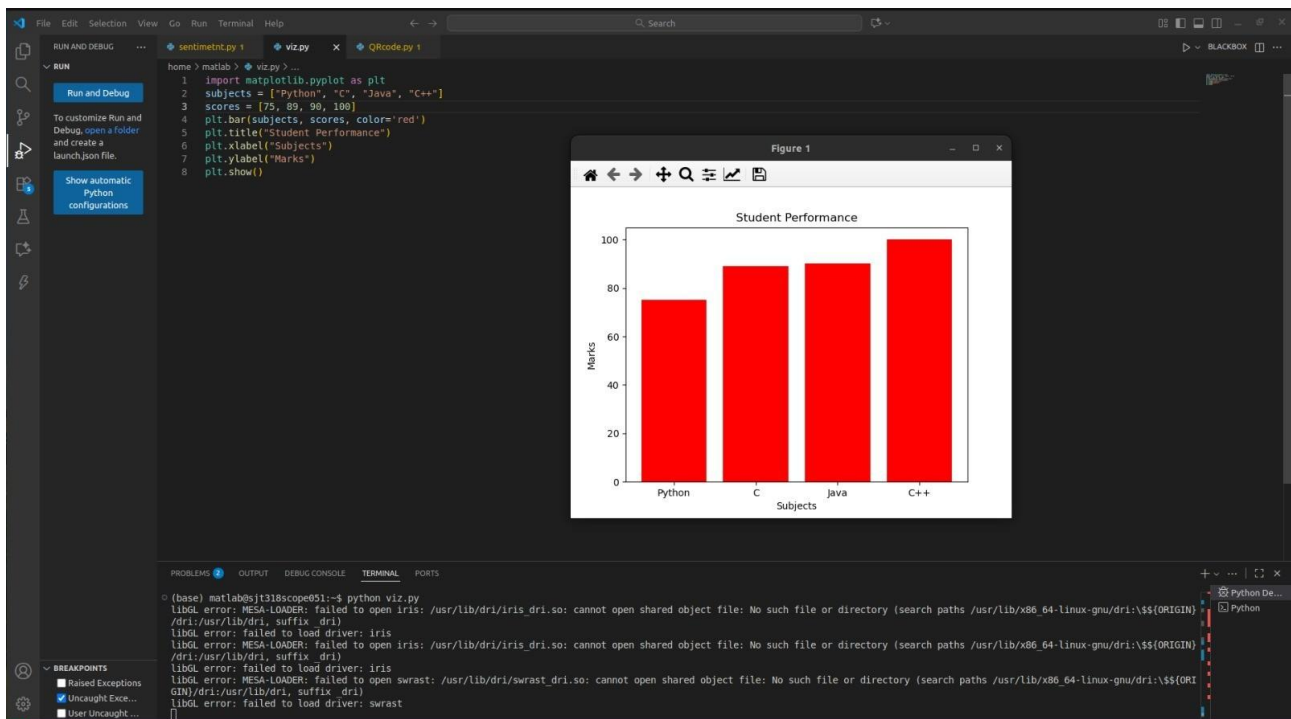
The screenshot shows the Visual Studio Code interface. The editor window displays a Python script named `sentiment.py` with the following code:

```
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 ")
```

The terminal window at the bottom shows the execution of the script. It starts with the command `(base) matlab@jt318scope051:~$ python viz.py`. The output shows the program prompting for a sentence: `Enter a sentence: I am N.Sushank S N`. The resulting sentiment analysis is displayed as follows:

```
Polarity: 0.0
Subjectivity: 0.0
Sentiment: Neutral
```

Matplotlib:



Qr Code

