

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 VS Code interface with the following details:

- File Explorer:** Shows three files: `sentimentnt.py`, `viz.py`, and `QRcode.py`.
- Run View:** Displays the configuration for running the code. It includes a "RUN AND DEBUG" section and a "RUN" section with a "Run and Debug" button. A note says: "To customize Run and Debug, open a folder and create a launch.json file." Below this is a "Show automatic Python configurations" button.
- Code Editor:** Contains the following Python code:

```
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")
```
- Terminal:** Shows the command-line output of the code execution. It includes error messages related to shared object files and driver loading, followed by the final sentiment analysis results.
- Bottom Bar:** Includes tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is selected.

Matplotlib:

Figure 1

Subject	Marks
Python	75
C	90
Java	90
C++	100

Qr Code