

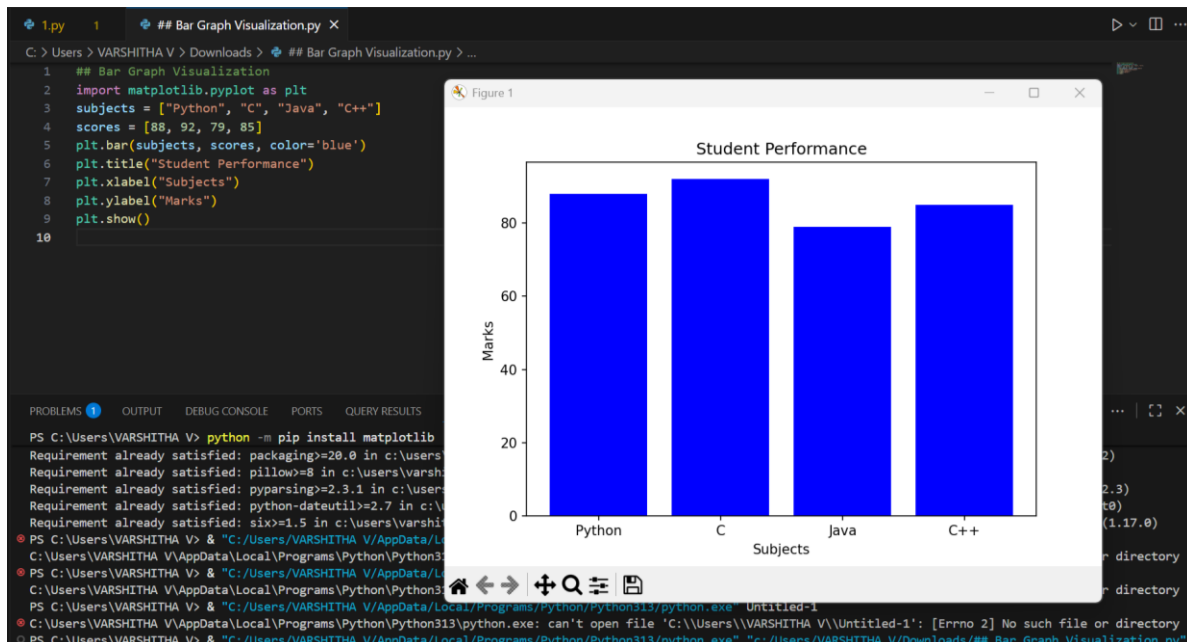
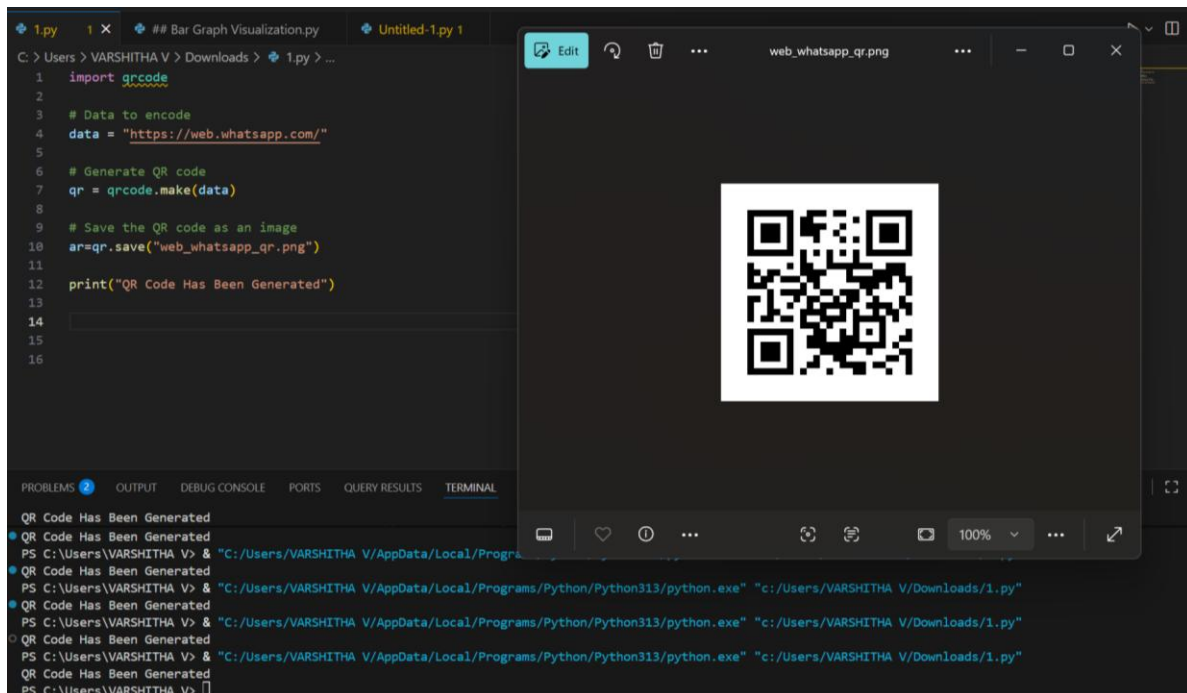
ADVANCED PYTHON PROGRAMMING- CSI3007

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The screenshot shows a VS Code editor with a Python file named 'Untitled-1.py'. The script uses the TextBlob library to analyze the sentiment of input sentences. The terminal window shows the script being executed three times with different inputs, resulting in sentiment classifications of Positive, Negative, and Neutral.

```

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

```

```

PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/Untitled-1.py"
Enter a sentence: She is always so helpful and kind to everyone.
Polarity: 0.6
Subjectivity: 0.9
Sentiment: Positive

PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/Untitled-1.py"
Enter a sentence: I'm really disappointed in how things turned out.
Polarity: -0.75
Subjectivity: 0.75
Sentiment: Negative

PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/Untitled-1.py"
Enter a sentence: He went to the store to buy some groceries.
Polarity: 0.0
Subjectivity: 0.0
Sentiment: Neutral

PS C:\Users\VARSHITHA V>

```