

ADVANCED PYTHON PROGRAMMING- CSI3007

LAB NO:17

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DATE:14/10/25

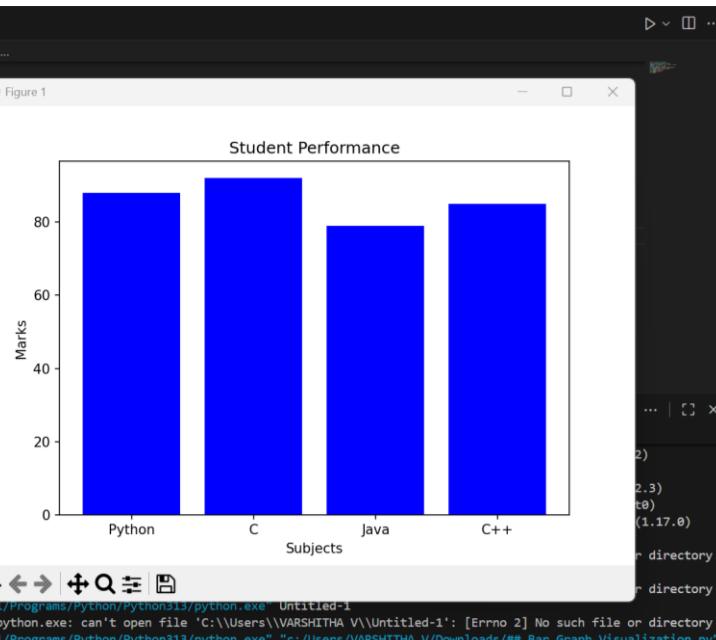


```
1.py x ## Bar Graph Visualization.py Untitled-1.py 1
C: > Users > VARSHITHA V > Downloads > 1.py > ...
1 import qrcode
2
3 # Data to encode
4 data = "https://web.whatsapp.com/"
5
6 # Generate QR code
7 qr = qrcode.QRCode(data)
8
9 # Save the QR code as an image
10 qr.save("web_whatsapp_qr.png")
11
12 print("QR Code Has Been Generated")
13
14
15
16
```

PROBLEMS OUTPUT DEBUG CONSOLE PORTS QUERY RESULTS TERMINAL

QR Code Has Been Generated

- QR Code Has Been Generated
PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/1.py"
- QR Code Has Been Generated
PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/1.py"
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PS C:\Users\VARSHITHA V> & "C:/Users/VARSHITHA V/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/VARSHITHA V/Downloads/1.py"



The screenshot shows a code editor interface with two tabs open: '1.py' and 'Untitled-1.py'. The 'Untitled-1.py' tab contains the following Python code:

```
C:\> Users > VARSHITHA V > Downloads > Untitled-1.py > ...
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")
```

The 'TERMINAL' tab shows the execution of the script and its output:

```
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> []
```