

GOKULA .J  
22MID0127

## PYTHON LAB ASSIGNMENT 18

### vs code:

It supports github repositories

It supports and includes integrated terminals

### 1. SENTIMENT ANALYSIS USING TEXTBLOB

pip install textblob

```
prc.py > ...  
1  
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:negative")  
9 else:  
10    print("sentiment:neutral")
```

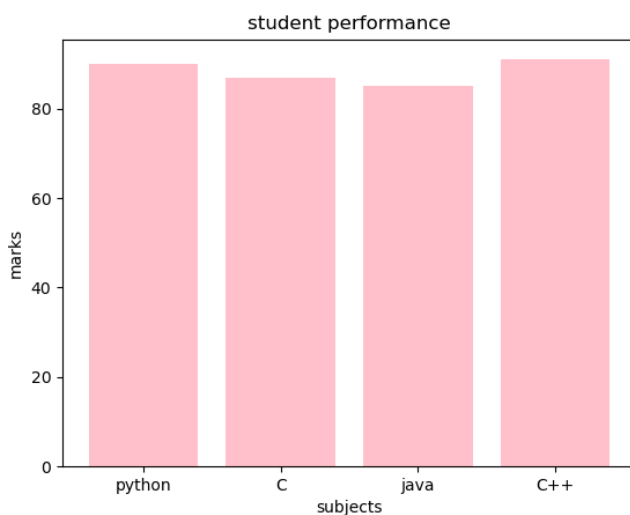
```
enter a sentence:hello everyone  
polarity: 0.0  
subjectivity: 0.0  
sentiment:neutral
```

### 2. DATA VISUALIZATION

pip install matplotlib

```
graph.py > ...  
1 import matplotlib.pyplot as plt  
2 subjects=['python','C','java','C++']  
3 scores=[90,87,85,91]  
4 plt.bar(subjects,scores,color='pink')  
5 plt.title('student performance')  
6 plt.xlabel('subjects')  
7 plt.ylabel('marks')  
8 plt.show()
```

Figure 1



### 3.QR CODE GENERATOR

pip install qrcode

```
codee.py > ...  
1  import qrcode  
2  data="https://www.google.com/"  
3  qr=qrcode.make(data)  
4  qr.save("qr.png")  
5  print("QR has been generated")
```

```
qr has been generated  
● (base) matlab@sjt318scope019:~/pract$ /home  
QR has been generated
```

qr.png

