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PYTHON LAB ASSIGNMETN 18

vs code:
It supports github repostitories
It supports and includes integrated terminals

1. SENTIMENT ANALYSIS USING TEXTBLOB
pip install textblob

```python
from textblob import TextBlob
text=input("enter a sentence:")
blob=TextBlob(text)
print("polatiry:",blob.sentiment.polarity)
print("subjectivity:",blob.sentiment.subjectivity)
if blob.sentiment.polarity>0:
    print("sentiment:negative")
else:
    print("sentiment:neutral")
```
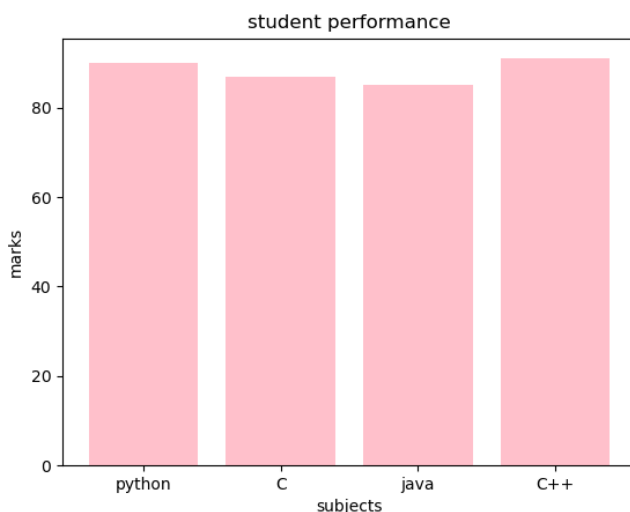
```
enter a sentence:hello everyone
polatiry: 0.0
subjectivity: 0.0
sentiment:neutral
```

2. DATA VISUALIZATION
pip install matplotlib

```python
import matplotlib.pyplot as plt
subjects=['python','C','java','C++']
scores=[90,87,85,91]
plt.bar(subjects,scores,color='pink')
plt.title('student performance')
plt.xlabel('subjects')
plt.ylabel('marks')
plt.show()
```

3. QR CODE GENERATOR

pip install qrcode

```python
import qrcode
data="https://www.google.com/"
qr=qrcode.make(data)
qr.save("qr.png")
print("QR has been generated")
```

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


qr.png