51). Sort Characters By Frequency Given a string s, sort it in decreasing order based on the frequency of the characters. The frequency of a character is the number of times it appears in the string. Return the sorted string. If there are multiple answers, return any of them

## **CODE:**

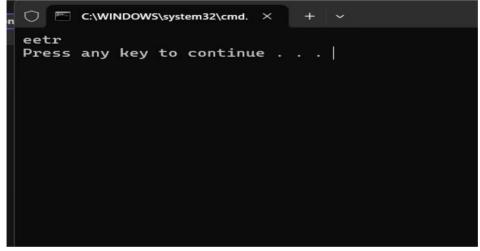
```
from collections import Counter
def frequency_sort(s):
freq = Counter(s)

sorted_chars = sorted(freq.items(), key=lambda item: item[1], reverse=True)

result = ".join(char * count for char, count in sorted_chars)

return result
s = "tree"
print(frequency_sort(s))
```

## **OUTPUT:**



TIME COMPLEXITY : O(n+klogk)