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:

```python
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))
```
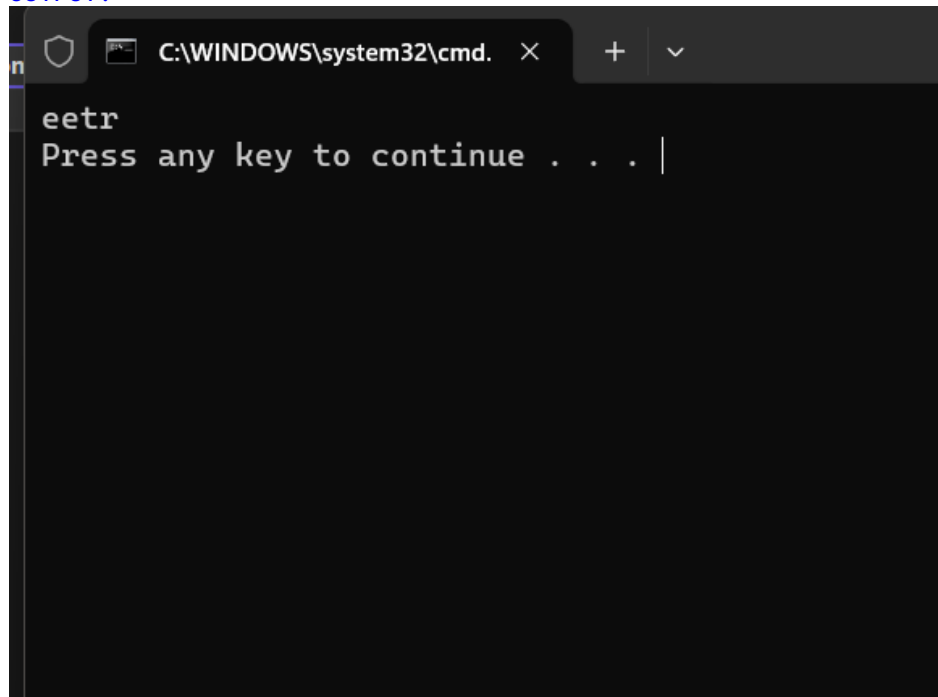
OUTPUT:

```
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Press any key to continue . . .
```

TIME COMPLEXITY : O(n+klogk)