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 frequencySort(s):
    freq = Counter(s)
    sorted_chars = sorted(freq, key=lambda x: (-freq[x], x))
    return ''.join(char * freq[char] for char in sorted_chars)

s = "tree"
sorted_string = frequencySort(s)
print(sorted_string)
```

Output:

```
eert
```

Time Complexity:

- T(n)= O(nlogk)