**Sort Characters By Frequency**

Given a string, sort it in decreasing order based on the frequency of characters.

**Example 1:**

**Input:**

"tree"

**Output:**

"eert"

**Explanation:**

'e' appears twice while 'r' and 't' both appear once.

So 'e' must appear before both 'r' and 't'. Therefore "eetr" is also a valid answer.

**Example 2:**

**Input:**

"cccaaa"

**Output:**

"cccaaa"

**Explanation:**

Both 'c' and 'a' appear three times, so "aaaccc" is also a valid answer.

Note that "cacaca" is incorrect, as the same characters must be together.

**Example 3:**

**Input:**

"Aabb"

**Output:**

"bbAa"

**Explanation:**

"bbaA" is also a valid answer, but "Aabb" is incorrect.

Note that 'A' and 'a' are treated as two different characters.