**PROBLEM STATEMENT**:

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.

**MY CODE:**

string frequencySort(string s) {

int n=s.length();

if(n<=2)

return s;

vector<pair<int,char>> v;

unordered\_map<char,int> m;

int i;

for(i=0;i<n;i++)

m[s[i]]++;

for(i=0;i<n;i++)

{

v.push\_back({m[s[i]],s[i]});

}

sort(v.begin(),v.end());

string ans;

for(i=v.size()-1;i>=0;i--)

ans+=v[i].second;

return ans;

}