Problem Link:

<https://leetcode.com/problems/maximum-difference-between-even-and-odd-frequency-i/?envType=daily-question&envId=2025-06-10>

Solution:

class Solution {

public:

int maxDifference(string s) {

map<char, int> m;

for(char c : s)

{

m[c]++;

}

vector<int> me;

vector<int> mo;

for(auto p : m)

{

if(p.second % 2 == 0)

{

me.push\_back(p.second);

}

else

{

mo.push\_back(p.second);

}

}

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

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

return mo[mo.size()-1] - me[0];

}

};