#15 days Dsa Coding Challenge

Valid Palindrome

#Leetcode 125

solution:

class Solution {

public:

bool isPalindrome(string s) {

int n=s.size();

s.erase(remove\_if(s.begin(),s.end(),[](char ch){return !isalnum(ch); } ),s.end());

for (int i = 0; i < s.size(); i++) {

s[i] = tolower(s[i]);

}

int j=s.size()-1;

for(int i=0;i<s.size();i++){

if(s[i]!=s[j]){

return false;

break;

}

else

j--;

}

return true;

}

};

Time Complexity:O(n)

Space Complexity:O(1)