Algorithms

4. String Algorithms

1. Basics of String Manipulation

1. Unique Subsequences

#include <iostream>

using namespace std;

int main() {

int testcase;

cin >> testcase;

while(testcase --){

int n;

cin >> n;

string s;

cin >> s;

int count = 0;

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

if(s[i]!=s[i+1]){

count ++;

}

}

cout << count << endl;

}

}

1. String Searching

1. Letter Most

#include <iostream>

#include<bits/stdc++.h>

using namespace std;

int main() {

int n;

cin >> n;

string s;

cin >> s;

int arr[26] = {};

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

char temp = s[i];

arr[temp - 'a']++;

}

cout << \*max\_element(arr,arr+26) << endl;

}