**SOLUTION**

#include <bits/stdc++.h>

using namespace std;

int main()

{

//Write code here

ios::sync\_with\_stdio(false);

std::cin.tie(nullptr);

std::cout.tie(nullptr);

int t;

cin>>t;

while(t--){

int n;

cin>>n;

unsigned long long int a[n],b[n];

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

cin>>a[i];

}

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

cin>>b[i];

}

sort(a,a+n);

sort(b,b+n);

int i=0,j=0;

int c=0;

while(i<n && j<n){

if(a[i]>b[j]){

c+=1;

i++;

j++;

}

else{

i++;

}

}

cout<<c<<endl;

}

}

**TIME COMPEXITY: O(NLOGN)**

**SPACE COMPLEXITY: O(N)**