

CP With Shibam

Day-3

[A. Yet Another Two Integers Problem](#)

```
#include<iostream>

using namespace std;

int main(){

    int a, b,t;

    cin>>t;

    while(t--){

        cin>>a>>b;

        cout<<(abs(a-b)+9)/10<<endl;

    }

}
```

[A. Remove Smallest](#)

```
#include<bits/stdc++.h>

using namespace std;

int main()

{int t;cin>>t;while(t--){

    int n,i,flag=0;cin>>n;int a[n-1];

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

        cin>>a[i];}

    sort(a,a+n);

    for(i=1;i<n;i++){
```

```
if(a[i]-a[i-1]>1){flag=1;cout<<"NO\n";break;}}  
if(flag==0){cout<<"YES\n";}  
}}
```

[A. Soft Drinking](#)

```
#include<iostream>  
  
using namespace std;  
  
int n,k,l,c,d,p,nl,np;  
  
int main()  
{  
cin>>n>>k>>l>>c>>d>>p>>nl>>np;  
cout<<min(min(k*l/nl,p/np),c*d)/n;  
}
```