CP With Shibam

Day-39

A. Linear Keyboard

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

using namespace std;

int main() {

  int t; cin>>t;

  while(t--){

string a,s ; cin>>a>>s;

int sum=0;

for(int i=0;i<s.size()-1;i++)

sum+=abs(int((a.find(s[i])-a.find(s[i+1]))));

cout<<sum<<endl;

}

}
```

A. Stone Game

```cpp
#include<iostream>

using namespace std;


int main(){

        long long int n,m,a,b,i,t,r;

        cin>>r;

        while(r--){

        cin>>n;

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

```cpp
            cin>>m;

            if(m==n) a=i;

            if(m==1) b=i;
        }

        t=max(a,b);

        t=min(t,n-min(a,b)+1);

        t=min(t,min(a,b)+n-max(a,b)+1);

        cout<<t<<endl;
    }
}
```