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Q1. Chef of the year

Code:

```
#include <iostream>
```

```
using namespace std;
```

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

```
using namespace std;
```

```
int main() {
```

```
    int n,m;
```

```
    cin>>n>>m;
```

```
    map<string,string>m1,m2;
```

```
    map<string,int>m3,m4;
```

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

```
        string a,b;
```

```
        cin>>a>>b;
```

```
        m1[a]=b;
```

```
    }
```

```
    for(int i=0;i<m;i++){
```

```
        string s;
```

```
        cin>>s;
```

```
        m3[m1[s]]++;
```

```
        m4[s]++;
```

```

    }
    int mx=0;
    string s1,s2;
    for(auto &i:m4){
        if(i.second>mx){
            mx=i.second;
            s2=i.first;
        }
    }
    mx=0;
    for(auto &i:m3){
        if(i.second>mx){
            mx=i.second;
            s1=i.first;
        }
    }
    cout<<s1<<'\n'<<s2;

    return 0;

```

}Output:

Test against Custom Input



```
Leibniz Germany
Leibniz
Leibniz
Leibniz
```

Status: Correct Answer

Submission ID: [84624742](#)

Time:  
0.10s

[View Remaining Problems](#)

[Go to Contest](#)

Q2. Distinct pairs

Code:

```
#include <iostream>
```

```
#include <vector>
```

```
#include <algorithm>
```

```
#include <climits>
```

```
using namespace std;
```

```
int main() {
```

```
    long long int n,m,mini=LLONG_MAX,maxi=LLONG_MIN;
```

```
    cin>>n>>m;
```

```
    long long int a[n];
```

```
    long long int b[m];
```

```
for(int i=0;i<n;i++){  
    cin >> a[i];  
    mini=min(mini,a[i]);  
}
```

```
for(int i=0;i<m;i++){  
    cin >> b[i];  
    maxi=max(maxi,b[i]);  
}
```

```
int temp1,temp2;  
for(int i=0;i<n;i++){  
    if(mini==a[i])  
        temp2=i;  
}  
for(int i=0;i<m;i++){  
    if(maxi==b[i])  
        temp1=i;  
}
```

```
for(int i=0;i<n;i++){  
    cout<<i<<" "<<temp1<<endl;  
}
```

```

for(int i=0;i<m;i++){
    if(b[i]!=b[temp1])
        cout<<temp2<<" "<<i<<endl;
}

return 0;
}

```

Test against Custom Input ^

3 2  
10 1 100  
4 3

**Status:** ✓ Correct Answer
Submission ID: [84624874](#)

**Time:**  
0.67s

Sub-Task	Task #	Result (time)
1	0	AC (0.003878)
1	1	AC (0.003795)

Q3. How many unattempted problems

Code:

```
#include <iostream>
```

```
using namespace std;
```


```
int main() {  
    int a,b;  
    cin>>a>>b;  
    cout<<a-b<<endl;  
    return 0;  
}
```

Test against Custom Input ^


10 4

Problem Solver Badge

16 / 50



Next Problem

Status:  Correct Answer

Submission ID: [84625218](#)

Time:

0.00s

Result

#### Q4. Equal Integers

Code:

```
#include<iostream>  
  
using namespace std;  
  
int main()
```

```

{

    int t,x,y,count=0;

    cin>>t;

    while(t--){

        cin>>x>>y;

        if(x<y)

        {

            while(x<y)

            {

                x=x+1;

                count++;

            }

            cout<<count<<endl;

            count=0;

        }

        else if(x==y)

        {

            cout<<"0"<<endl;

        }

        else if(x>y)

        {

            if(((x%2!=0)&&(y%2!=0))||((x%2==0)&&(y%2==0)))

            {

                while(x>y)

                {

```

```
        y=y+2;
        count++;
    }
    cout<<count<<endl;
    count=0;
}

else
{
    while(y<(x+1))
    {
        y=y+2;
        count++;
    }
    if(x==y)
    {
        cout<<count<<endl;
    }
    else
    {
        x=x+1;
        count++;
        cout<<count<<endl;
        count=0;
    }
}
```



```
}  
  
}  
  
}
```


Output:

Test against Custom Input


5  
3 4  
5 5  
7 3

Problem Solver Badge

17 / 50



Next Problem

Status:  Correct Answer

Submission ID: [84625435](#)

Time:  
0.02s

Result

### Q5. Determine the winner

Code:

```
#include <bits/stdc++.h>  
  
using namespace std;  
  
int main()  
{  
    int t, pa, pb, qa, qb, x, y, z;  
    scanf("%d", &t);  
    while (t--)
```


```
{  
    scanf("%d %d %d %d", &pa, &pb, &qa, &qb);  
    int max1 = max(pa, pb);  
    int max2 = max(qa, qb);  
  
    if (max1 > max2)  
    {  
        printf("Q\n");  
    }  
    else if (max1 < max2)  
    {  
        printf("P\n");  
    }  
    else  
    {  
        printf("TIE\n");  
    }  
}  
  
return 0;  
}
```

Test against Custom Input


```
4
5 10 2 12
10 30 15 15
20 8 4 20
```

Problem Solver Badge **18** / 50

Solve **32** more problems to get Bronze Badge



Next Problem

Status:  Correct Answer

Submission ID: [84625774](#)

Time:  
0.00s

## Q6. Chef Brain speed

Code:

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
    // your code goes here
    int n;
    cin>>n;
    int a;
    cin>>a;
    if(a>n){
        cout<<"YES"<<endl;
```

```

    }

    else{

        cout<<"NO"<<endl;}

    return 0;


}

```

Test against Custom Input

7 9

Problem Solver Badge
19 / 50



Next Problem

Solve 31 more problems to get Bronze Badge

Status: ✓ Correct Answer
Submission ID: [84625947](#)

Time:  
0.00s

## Q7. My very 1<sup>st</sup> contest

```

#include <iostream>

using namespace std;

int main() {

    int n, a, b;

    cin >> n >> a >> b;

    cout << (n - a) << ' ' << (n - a - b) << endl;

    return 0;
}

```

}

10 3 2

Problem Solver Badge

19 / 50



Solve 31 more problems to get Bronze Badge

Next Problem

Status: ✓ Correct Answer

Submission ID: [84626099](#)

Time:

0.00s

Sub-Task

Task #

Result  
(time)