IT SKILLS (Domain Camp)
WORKSHEET – 2

Student Name : Rishav Kumar Saw	**UID : 20BCS1957**
Branch : CSE	**Section/Group : DWWC-43**
Subject : IT Skills (Domain Camp)	**Date of submission : 04/01/2023**

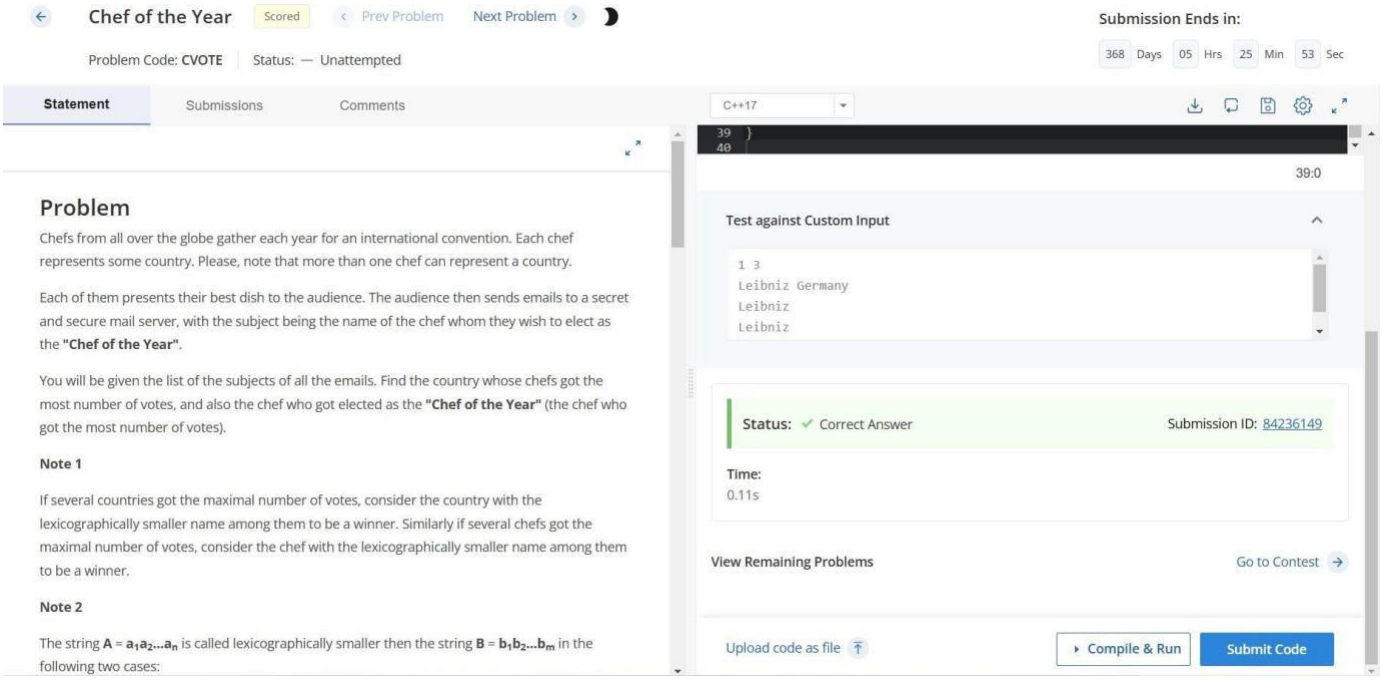
Problem 1: Chef of the year

Code:

```
#include <bits/stdc++.h>
using namespace std;
int main() {
// your code goes here
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;
   // m3[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:

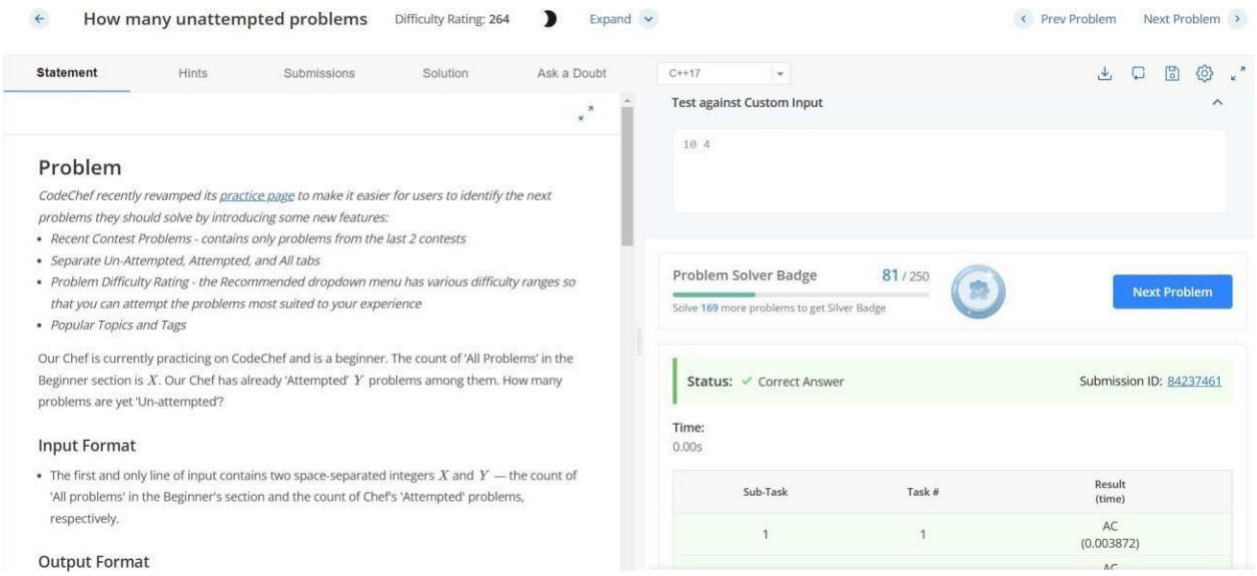


Problem 2: How many

Unattempt Code:

```
#include <iostream>
using namespace
std; int main() { int
x,y;
 cin>>x>>y;
 cout<<x-y;
 return 0;
}
```

OUTPUT:



Problem 3: Total Prize Money

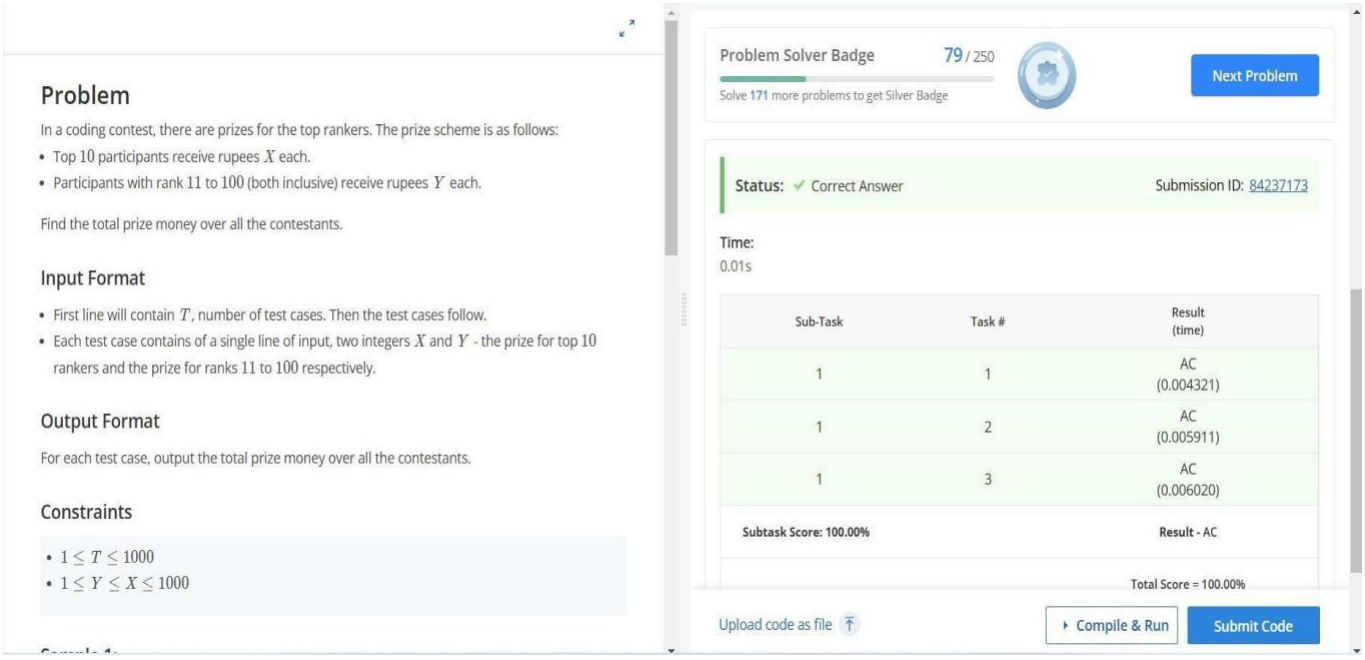
Code:

```
#include <iostream>
using namespace
std; int main() { int t;
    cin>>t; for (int i = 0; i <
    t; i++){ int x, y;
        cin>>x>>y;
        cout<<10*x + 90*y<<endl;

    }
```

OUTPUT:

return 0;}



Problem

In a coding contest, there are prizes for the top rankers. The prize scheme is as follows:

- Top 10 participants receive rupees X each.
- Participants with rank 11 to 100 (both inclusive) receive rupees Y each.

Find the total prize money over all the contestants.

Input Format

- First line will contain T, number of test cases. Then the test cases follow.
- Each test case contains of a single line of input, two integers X and Y - the prize for top 10 rankers and the prize for ranks 11 to 100 respectively.

Output Format

For each test case, output the total prize money over all the contestants.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq Y \leq X \leq 1000$

Problem Solver Badge 79 / 250

Solve 171 more problems to get Silver Badge

Next Problem

Status: Correct Answer Submission ID: 84237173

Time: 0.01s

Sub-Task	Task #	Result (time)
1	1	AC (0.004321)
1	2	AC (0.005911)
1	3	AC (0.006020)
Subtask Score: 100.00%		Result - AC

Total Score = 100.00%

Upload code as file

Compile & Run

Submit Code

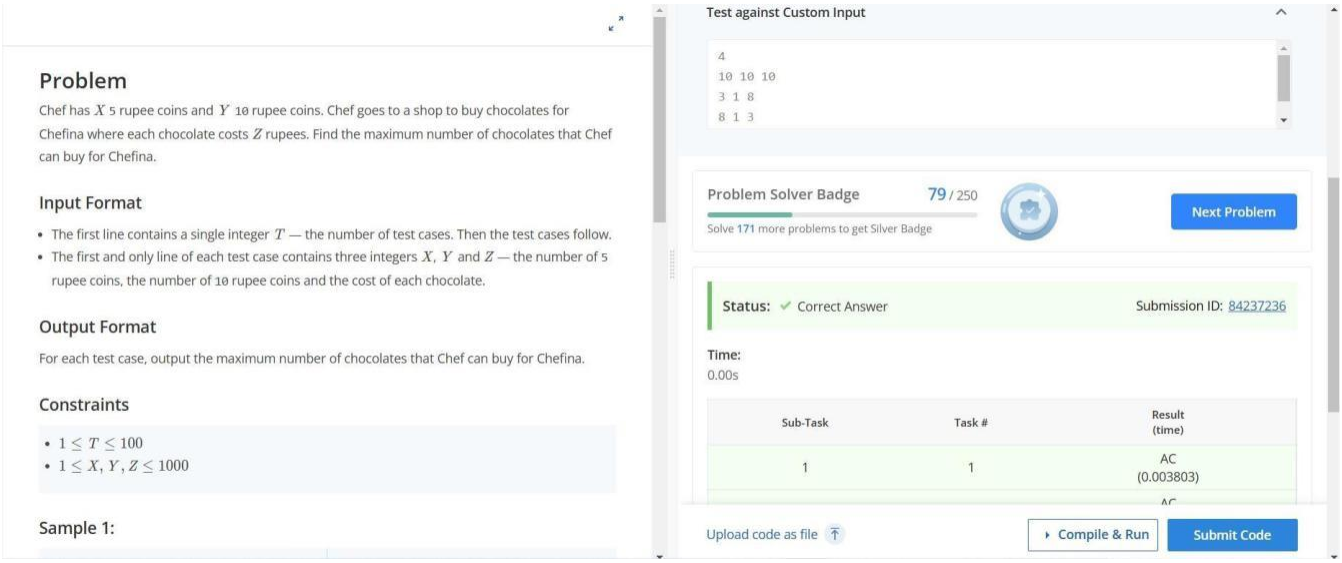
Problem 4: Chef and Choclates Code:

```
#include   <iostream>
using namespace std;
int main() {
int t,x,y,z,n;
cin>>t; while(t--
){
    cin>>x>>y>>z;
n=((5*x+10*y)/z);
```

OUTPUT:

cout<<n<<endl; }

return 0;}



Problem 5: Atm

Code:

#include <bits/stdc++.h> using namespace std; int main(){ ios_base::sync_with_stdio(false); cin.tie(0); cout.precision(2); int a; float b; cin >> a >> b;

if ((a%5==0) && (b-a-0.5>=0)) {

cout << fixed << b-a-0.5 << endl;

```
    }
    else
    {

        cout << fixed << b << endl;
    }

    return 0;
}
```

OUTPUT: