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Section - 20DWWC-43

Subject – DSA

**Domain Winning Camp Worksheet (Practice Questions)** 

Day 2

# **Problem 1: Chef of the year**

```
#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;
```

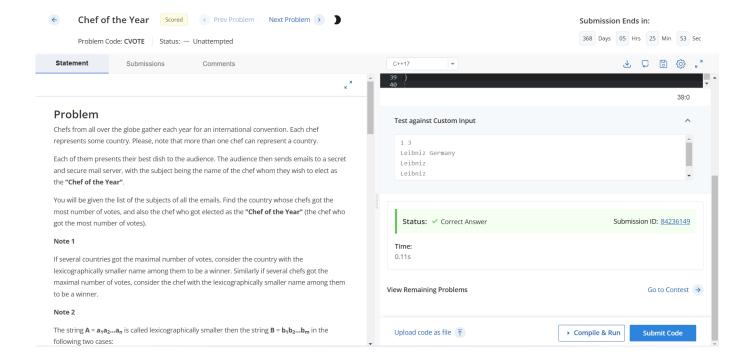




```
// m3[b]++;
}
for(int i=0;i< m;i++){
  string s;
  cin>>s;
  m3[m1[s]]++;
  m4[s]++;
}
int mx=0;
string s1,s2;
for(auto &i:m4){
  if(i.second>mx){
     mx=i.second;
     s2=i.first;
  } }
mx=0;
for(auto &i:m3){
  if(i.second>mx){
     mx=i.second;
     s1=i.first;
  } }
cout<<s1<<\\n'<<s2;
return 0;
}
```





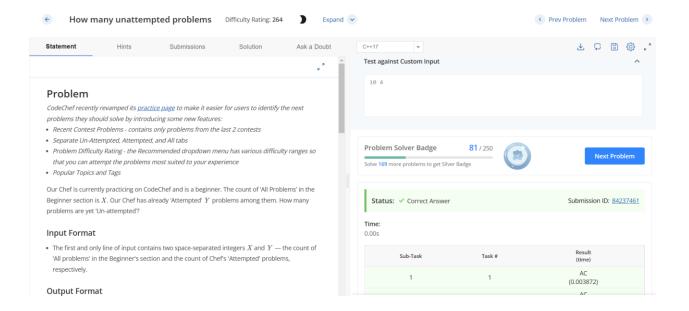


# **Problem 2: How many Unattempt**

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





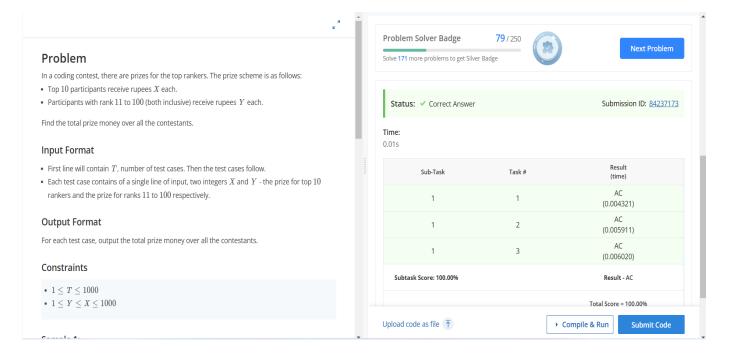


# **Problem 3: Total Prize Money**

```
#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;
   }
return 0;}</pre>
```





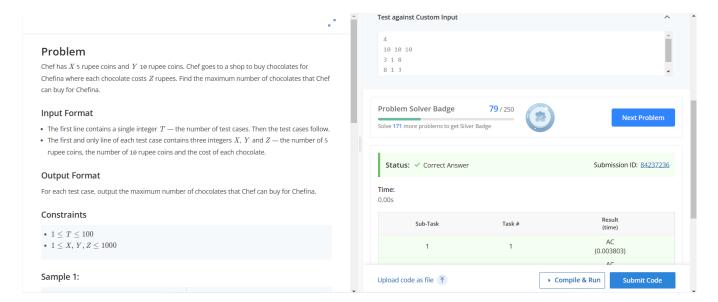


# **Problem 4: Chef and Choclates**

```
#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);
    cout<<n<<endl; }
  return 0;}</pre>
```







## **Problem 5: Atm**

```
#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;
   }
}</pre>
```





```
}
else
{
    cout << fixed << b << endl;
}
return 0;
}</pre>
```

