



Name – NABEEN VERMA
UID – 20BCS7422
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]++;
}
```

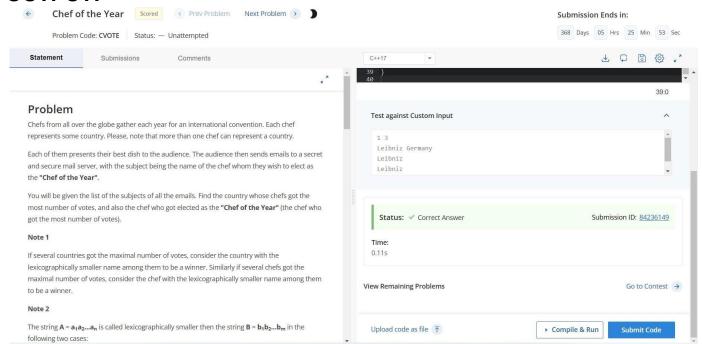




```
for(int i=0;i< m;i++){
  string s;
  cin>>s;
  m3[m1[s]]++;
  m4[s]++;
}
int mx=0; string
          for(auto
s1,s2;
&i:m4){
if(i.second>mx){
mx=i.second;
     s2=i.first;
            mx=0;
  } }
for(auto
           &i:m3){
if(i.second>mx){
mx=i.second;
s1=i.first;
  } }
cout<<s1<<\\n'<<s2; return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





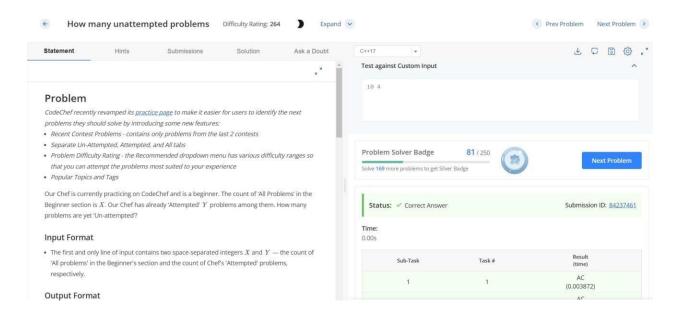


Problem 2: How many Unattempt

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







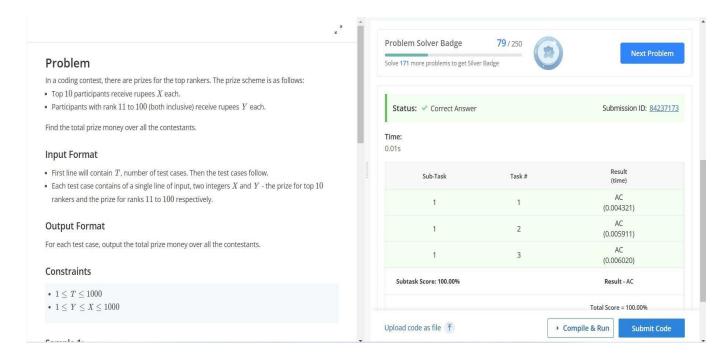
Problem 3: Total Prize Money

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





return 0;}



Problem 4: Chef and Choclates

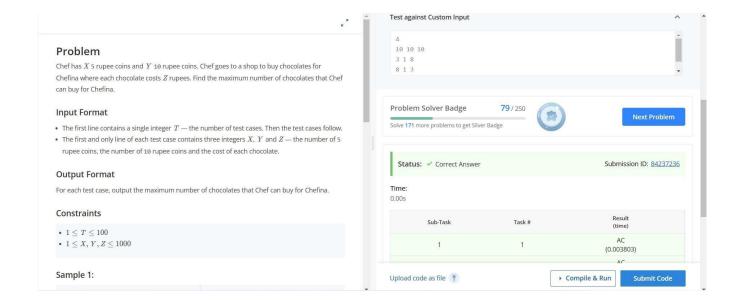
```
#include <iostream>
using namespace std;
int main() {
  int t,x,y,z,n;
  cin>>t; while(t--
){
    cin>>x>>y>>z;
  n=((5*x+10*y)/z);
```





cout<<n<<endl;

return 0;}



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>
```

