 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name :VEDANT BHARAD	
Day : 110	Date : 4/2/2023	Enrollment No: 92100133023


CP Club 365 Days Challenge

Programming language – C++

Problem Statement


<https://www.codechef.com/problems/TABLET>

Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

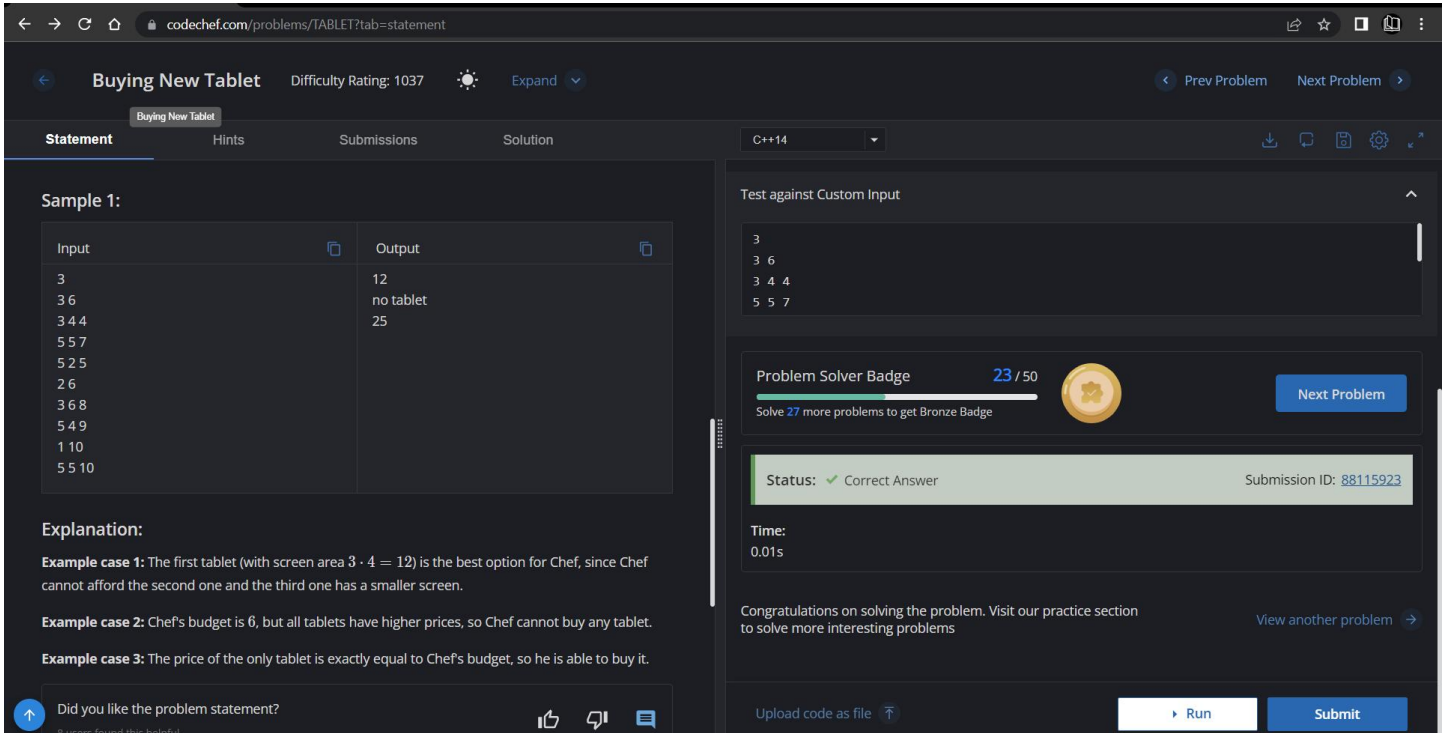
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Your Code:

```
// 0x110Day of 0x365Days challenge
// VEDANT BHARAD
// 4-2-2023
#include <iostream>
using namespace std;
void myFun(int w[],int h[],int p[],int n,int b){
    int area=0;
    for(int i=0;i<n;i++)
    {
        if(p[i]<=b && area<(w[i]*h[i]))
        {
            area=w[i]*h[i];
        }
    }
    if(area==0)
    {
        cout<<"no tablet"<<endl;
    }else{
        cout<<area<<endl;
    }
}
int main() {
    int t;
    cin>>t;
    while(t-->0)
    {
        int n,b;
        cin>>n>>b;
        int w[n],h[n],p[n];
        for(int i=0;i<n;i++)
        {
            cin>>w[i]>>h[i]>>p[i];
        }
        myFun(w,h,p,n,b);
    }
    return 0;
}
```

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Output (Screen Shot):



The screenshot shows the CodeChef problem page for "Buying New Tablet" (Difficulty Rating: 1037). The page is in the "Statement" tab, showing the problem description, sample input/output, and explanation. The sample input/output is as follows:

Input	Output
3	12
3 6	no tablet
3 4 4	25
5 5 7	
5 2 5	
2 6	
3 6 8	
5 4 9	
1 10	
5 5 10	

The explanation section provides three example cases:

- Example case 1:** The first tablet (with screen area $3 \cdot 4 = 12$) is the best option for Chef, since Chef cannot afford the second one and the third one has a smaller screen.
- Example case 2:** Chef's budget is 6, but all tablets have higher prices, so Chef cannot buy any tablet.
- Example case 3:** The price of the only tablet is exactly equal to Chef's budget, so he is able to buy it.

The right sidebar shows the "Test against Custom Input" section with the following input/output pairs:

- 3
- 3 6
- 3 4 4
- 5 5 7

The "Problem Solver Badge" section shows a progress bar at 23/50, with a button to "Next Problem". The "Status" section shows "Correct Answer" with a submission ID of 88115923. The "Time" section shows 0.01s. The bottom section has a "Run" button and a "Submit" button.

Understanding about problem:

- In this task I need to return screen size of tablet which is in budget of Chef and also having large screen.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club