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|--|--|-----------------------------------|
|  <b>Marwadi</b><br>University | <b>Marwadi University</b><br><b>Faculty of Technology</b><br><b>Department of Information and Communication Technology</b> |                                   |
| <b>Sem : 4</b>   | <b>Name : VEDANT BHARAD</b>  |                                   |
| <b>Day : 120</b>   | <b>Date : 14/02/2023</b>   | <b>Enrollment No: 92100133023</b> |


## CP Club 365 Days Challenge

Programming language – C++

### Problem Statement

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

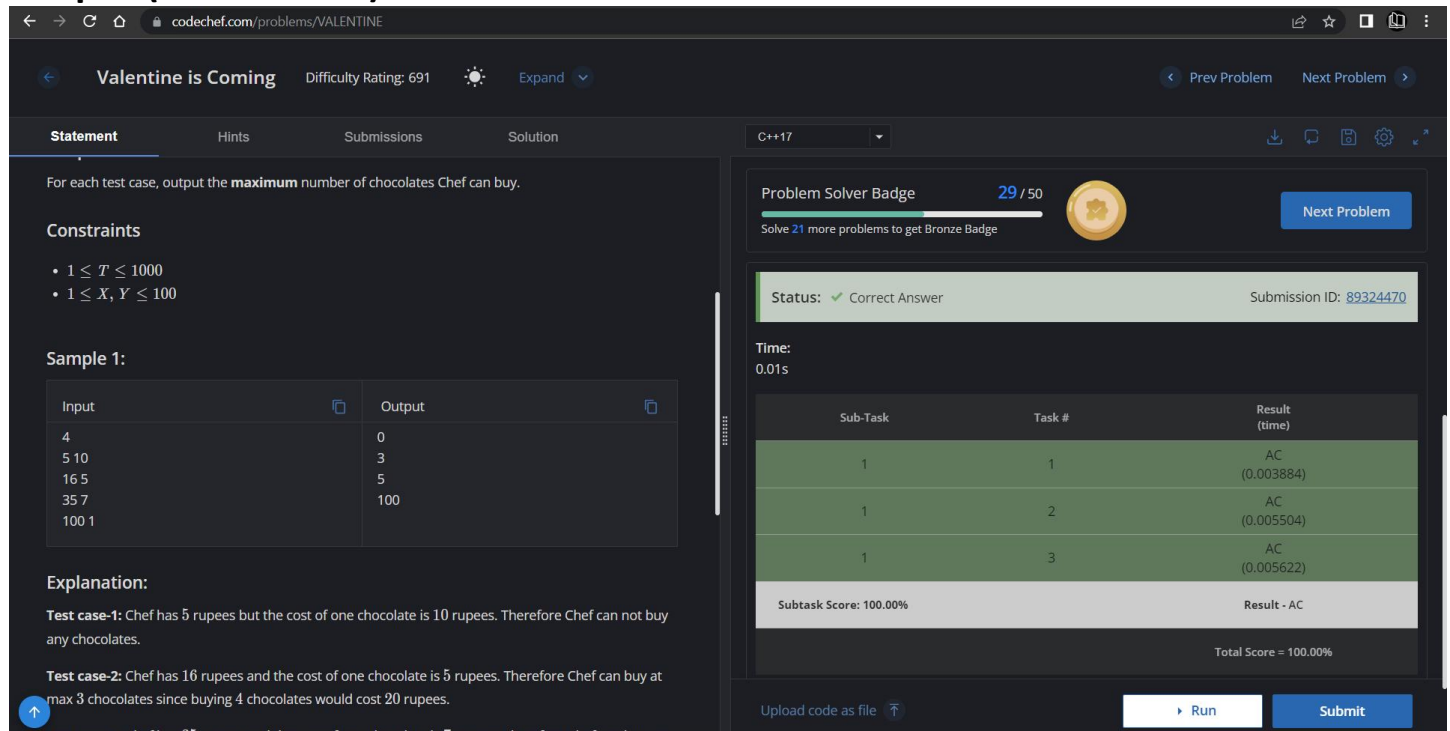
Git :- [https://github.com/Vedantbharad2603/CP\\_club\\_365\\_Days](https://github.com/Vedantbharad2603/CP_club_365_Days)

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## Your Code:

```
// 0x120Day of 0x365Days challenge
// VEDANT BHARAD
// 14-2-2023
#include <iostream>
using namespace std;
int main() {
    // your code goes here
    int t;
    cin>>t;
    while (t--)
    {
        int x,y;
        cin>>x>>y;
        cout<<x/y<<endl;
    }
    return 0;
}
```

## Output (Screen Shot):



The screenshot shows the CodeChef problem page for "Valentine is Coming". The problem statement asks for the maximum number of chocolates Chef can buy given a budget and chocolate prices. The constraints are  $1 \leq T \leq 1000$  and  $1 \leq X, Y \leq 100$ . The sample input shows three test cases with their corresponding outputs. The submission results show a correct answer with a score of 100.00%.

**Statement**   Hints   Submissions   Solution

For each test case, output the **maximum** number of chocolates Chef can buy.

**Constraints**

- $1 \leq T \leq 1000$
- $1 \leq X, Y \leq 100$

**Sample 1:**

| Input | Output |
|-------|--------|
| 4     | 0      |
| 5 10  | 3      |
| 16 5  | 5      |
| 35 7  | 100    |
| 100 1 |        |

**Explanation:**

**Test case-1:** Chef has 5 rupees but the cost of one chocolate is 10 rupees. Therefore Chef can not buy any chocolates.

**Test case-2:** Chef has 16 rupees and the cost of one chocolate is 5 rupees. Therefore Chef can buy at max 3 chocolates since buying 4 chocolates would cost 20 rupees.

**Test case-3:** Chef has 35 rupees and the cost of one chocolate is 7 rupees. Therefore Chef can buy at max 5 chocolates since buying 6 chocolates would cost 42 rupees.


**Problem Solver Badge** 29 / 50  
Solve 21 more problems to get Bronze Badge

**Status:** ✓ Correct Answer   Submission ID: 89324470

**Time:** 0.01s

| Sub-Task               | Task # | Result (time) |
|------------------------|--------|---------------|
| 1                      | 1      | AC (0.003884) |
| 1                      | 2      | AC (0.005504) |
| 1                      | 3      | AC (0.005622) |
| Subtask Score: 100.00% |        | Result - AC   |
| Total Score = 100.00%  |        |               |

Upload code as file   **Run**   **Submit**

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### Understanding about problem:

- In this task I need to return number of chocolates chef can buy in given rupees.

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