CP Club 365 Days Challenge

Programming language – C++

Problem Statement

https://www.codechef.com/problems/MATCHES

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

	Marwadi University
![Marwadi University Logo]	**Faculty of Technology**
	Department of Information and Communication Technology
Sem : 4	**Name : VEDANT BHARAD**
Day : 121	**Date : 15/02/2023**	**Enrollment No: 92100133023**

Your Code:

```cpp
// 0x121Day of 0x365Days challenge
// VEDANT BHARAD
// 15-2-2023
#include <iostream>
using namespace std;
int main() {
    // your code goes here
    int t;
    cin>>t;
    while(t--){
        int a,b;
        cin>>a>>b;
        int sum = a+b;
        int required[10] = {6,2,5,5,4,5,6,3,7,6};
        int con = 0;
        while(sum!=0){
            int temp = sum%10;
            con += required[temp];
            sum /= 10;
        }
        cout<<con<<endl;
    }
    return 0;
}
```

Output (Screen Shot):

Playing with Matches   Difficulty Rating: 986   Expand   Prev Problem   Next Problem

Statement   Hints   Submissions   Solution   C++17

- The first line of the input contains a single integer T denoting the number of test cases. The description of T test cases follows.
- The first and only line of each test case contains two space-separated integers A and B.

Output

For each test case, print a single line containing one integer — the number of matches needed to write the result $(A + B)$.

Constraints

- $1 \leq T \leq 1,000$
- $1 \leq A, B \leq 10^6$

Sample 1:

Input	Output
3	13
123 234	10
10101 1010	7
4 4	

Explanation:

Example case 1: The result is 357. We need 5 matches to write the digit 3, 5 matches to write the digit 5 and 3 matches to write the digit 7

Test against Custom Input

```
3
123 234
10101 1010
4 4
```

Problem Solver Badge   **30**/50

Solve **20** more problems to get Bronze Badge   Next Problem

Status: ✔ Correct Answer   Submission ID: 89629884

Time:
0.01s

Congratulations on solving the problem. Visit our practice section to solve more interesting problems   View another problem →

Upload code as file ⬆   ▶ Run   **Submit**

Understanding about problem:

- In this task I need to return number of matches required to write the sum of A and B.

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