 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 6	Name : Pushti Depani	
Day : 121	Date : 15/02/2023	Enrollment No: 92000133018

CP Club 365 Days Challenge

Programming language – Any language

Problem Statement

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

<https://github.com/Pushti18/CP-Club-100-onwards->


<https://www.codechef.com/viewsolution/89426675>

Your Code:

```
#include <bits/stdc++.h>
using namespace std;

int main() {
    // your code goes here
    int t;
    cin>>t;
    while(t-->0)
    {
        int a,b;
        cin>>a>>b;
        int c = a+b;
        int d = 0;
        int e[10] = {6,2,5,5,4,5,6,3,7,6};
        while(c>0)
        {
            int f = c%10;

            d += e[f];
        }
    }
}
```

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```

    c = c/10;


}
cout<<d<<endl;
}
return 0;
}

```

Output (Screen Shot):

Problem Solver Badge

103 / 250



Solve 147 more problems to get Silver Badge

Status: ✓ Correct Answer

Submission ID: [89426675](#)

Time:

0.01s

Understanding about problem:

In this problem we will first initialize the array that will specify the no of matches needed to each digit from 0 to 9 based on the index. Then calculating the sum of digits. Then we will find the last no and then adding the digit which is needed for the last digit match. And then removing that digit. At last we will be printing it.

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