All Contests > SRBD Code Contest - 2024 (Round 1) > Gain with Pain

Gain with Pain

🔒 locked

Problem

Submissions

Discussions

Time Limit : C/C++ (2s) , Java (4s)

Memory Limit : $512\,MB$

MRBD (Muscle Research & Development Bangladesh) is a great place for software engineers to build muscles. One day Mr. Needle, a skinny software engineer comes to MRBD with the dream of a muscular body. There he meets the very famous trainer Mr. Stick.

At first, Stick explains to Needle that muscle development requires consistency in daily workouts, protein intake, and proper sleep. Then, he prepares a daily workout plan including $\mathbf{2}$ types of $\mathbf{\mathit{Back}}$ exercises, $\mathbf{2}$ types of $\mathbf{\mathit{Leg}}$ exercises, $\mathbf{2}$ types of $\mathbf{\mathit{Chest}}$ exercises, $\mathbf{1}$ type of $\mathbf{\mathit{Shoulder}}$ exercise, and $\mathbf{3}$ types of $\mathbf{\mathit{Arm}}$ exercises. Each type of exercise consists of $\mathbf{3}$ sets, and each set consists of $\mathbf{10}$ repetitions.

Needle has been following the workout plan for some days. Your task is to determine whether he is consistent or not.

Note. To be consistent, Needle has to follow the Stick's *exact* instructions daily.

Input Format

The first line of the input contains a single integer $m{T}$ - the number of test cases.

The first line of each test case contains an integer N - number of days.

The first line of each days contains Back exercise.

The second line of each days contains \boldsymbol{Leg} exercise.

The Third line of each days contains Chest exercise.

The Fourth line of each days contains **Shoulder** exercise.

The Fifth line of each days contains \boldsymbol{Arm} exercise.

For each type of exercise you will be given M, Q, and R respectively number of exercise he performed for that body part, number of sets he performed for each exercise, and number of repetitions he performed in each set.

Constraints

$$1 < T < 10^5$$

$$1 \le N \le 10^5$$

$$0 \le Q \le 3$$

$$0 \le R \le 10$$

It is guaranteed that the sum of N will not exceed $5*10^5$.

Output Format

For each test case print whether the Needle was consistent with his training routine during these N days. If he was consistent print "Consistent", otherwise print "Inconsistent". Please see the sample I/O for better explanation.

```
Sample Input 0
  1
  1
  2 3 10
  2 3 10
  2 3 10
  1 3 10
  3 3 9
Sample Output 0
  Inconsistent
                                                                                      f 💆 in
                                                                                      Submissions: 1135
                                                                                      Max Score: 1
                                                                                      Rate This Challenge:
                                                                                      More
                                                                                                  X | Ø
                                                                          C
   1 #include <stdio.h>
   2 #include <string.h>
   3
      #include <math.h>
      #include <stdlib.h>
   4
   5
   6 vint main() {
   7
          /* Enter your code here. Read input from STDIN. Print output to STDOUT */
   8 1
   9
          return 0;
  10
     }
  11
                                                                                                  Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                     Run Code
```