

Cod-E-Rection

Nov 17, 2017, 12:00 PM IST - Nov 17, 2017, 02:45 PM IST

INSTRUCTIONS PROBLEMS SUBMISSIONS LEADERBOARD ANALYTICS JUDGE

← Problems / Birthday Party

Birthday Party

Max. score: 100

This problem is no longer available for practice. Apology for any inconvenience!

PROBLEM EDITORIAL MY SUBMISSIONS

Mr. X's birthday is in next month. This time he is planning to invite N of his friends. He wants to distribute some chocolates to all of his friends after party. He went to a shop to buy a packet of chocolates.

At chocolate shop, each packet is having different number of chocolates. He wants to buy such a packet which contains number of chocolates, which can be distributed equally among all of his friends.

Help Mr. X to buy such a packet.

Input:

First line contains T, number of test cases.

Each test case contains two integers, N and M. where is N is number of friends and M is number number of chocolates in a packet.

Output:

In each test case output "Yes" if he can buy that packet and "No" if he can't buy that packet.

Constraints:

1<=T<=20

1<=N<=100

1<=M<=10^5

Problem Setter:

Akash Rakshit

SAMPLE INPUT	SAMPLE OUTPUT
2	No
5 14	Yes
3 21	

Explanation

Test Case 1:

There is no way such that he can distribute 14 chocolates among 5 friends equally.

Test Case 2:

There are 21 chocolates and 3 friends, so he can distribute chocolates eqally. Each friend will get 7 chocolates.

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Score is assigned when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, C++17, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, Java 14, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, Python 3.8, R(RScript), Racket, Ruby, Rust, Scala, Swift-4.1, Swift, TypeScript, Visual Basic

