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# **Chocolate Paradox**

Problem

Submissions

#### **Problem Statement**

Alisa and Meena are siblings. They have an unusual style of eating chocolate. Alisa consumes x chocolates at a time, and she will not eat any chocolates if there are fewer than x. Meena consumes precisely y chocolates at a time just like Alisa. While they were on vacation, their father brought them a packet of chocolates that included T amount of chocolates. But he gave them a condition for eating the chocolates: if they can eat exactly T chocolates from the packet, they will receive the entire packet. Otherwise, they will not get any chocolate to eat.

Now, they came to you with x (the amount of chocolates Alisa eats at once), y (the number of chocolates Alisa eats at once), and T (the total number of chocolates they have to eat) to see whether they would get the packet or not.

# **Input Format**

Single line will contain X, the number of chocolates Alisa eats at once.. Y, the number of chocolates Meena eats at once. T, the number of chocolates is required to eat.

#### Constraints

- 1 ≤ X, Y ≤ 100
- 1 ≤ T ≤ 10000

## **Output Format**

Print "YES" (without quotes) if it is possible to get the whole packet of chocolates. Otherwise print "NO" if they don't get any. (without quotes).

Sample Input 0

5 7 25

Sample Output 0

YES

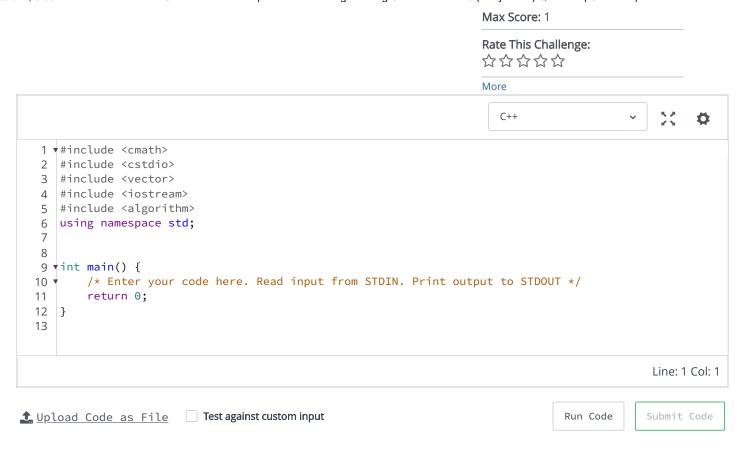
## Explanation 0

Explanation: If Alisa eats chocolates five times, then she eats a total of 25 (5+5+5+5) chocolates. So they get the whole packet of chocolate.

f ⊌ in

Contest ends in 1 hour 29 minutes 44 seconds

Submissions: 146



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