Mulyosari Avenue

locked

Problem Submissions Leaderboard Discussions

At Mulyosari Avenue there is a traffic light with below specifications:

- Red light will be turned on for 20s
- Yellow light for 5s, after red light
- Green light for 60s, after yellow light

You are at the street, with **M** cars to your front and **N** cars behind you. To fill time, you create a program that can tell you whether or not you're able to pass the traffic light and how many cars are left at the road after **T** seconds. For every 5s in green light, one car is able to pass the traffic light.

Input Format

One line of integers **M**, **N**, and **T**, as explained in the problem statement.

Constraints

- $1 \leq M, N \leq 1000$
- $1 \leq T \leq 10000$

Output Format

Display "**YES!**" if you are able to pass the traffic light, "**NO!**" otherwise.

Display the number of cars left behind on the same line. If all cars pass the traffic light, display **0** instead.

Sample Input 0

```
12 12 200
```

Sample Output 0

```
YES! 0
```

Sample Input 1

```
12 3 85
```

Sample Output 1

```
NO! 4
```

Submissions: 12
Max Score: 1
Difficulty: Medium

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C

```c
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <stdlib.h>

int main() {

    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

Line: 1 Col: 1

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Test against custom input

Run Code

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