

SET -1 Activity Questions

Question

Evaluate the output **d** based on three given Boolean inputs **a**, **b** and **c**.

a	b	c	d
False	False	False	<i>False</i>
False	False	True	<i>True</i>
False	True	False	<i>False</i>
False	True	True	<i>True</i>
True	False	False	<i>True</i>
True	False	True	<i>True</i>
True	True	False	<i>False</i>
True	True	True	<i>True</i>

Testcases

Public

Sample Input - 1

```
1 | True
2 | False
3 | True
```

Sample Output - 1

```
1 | True
```

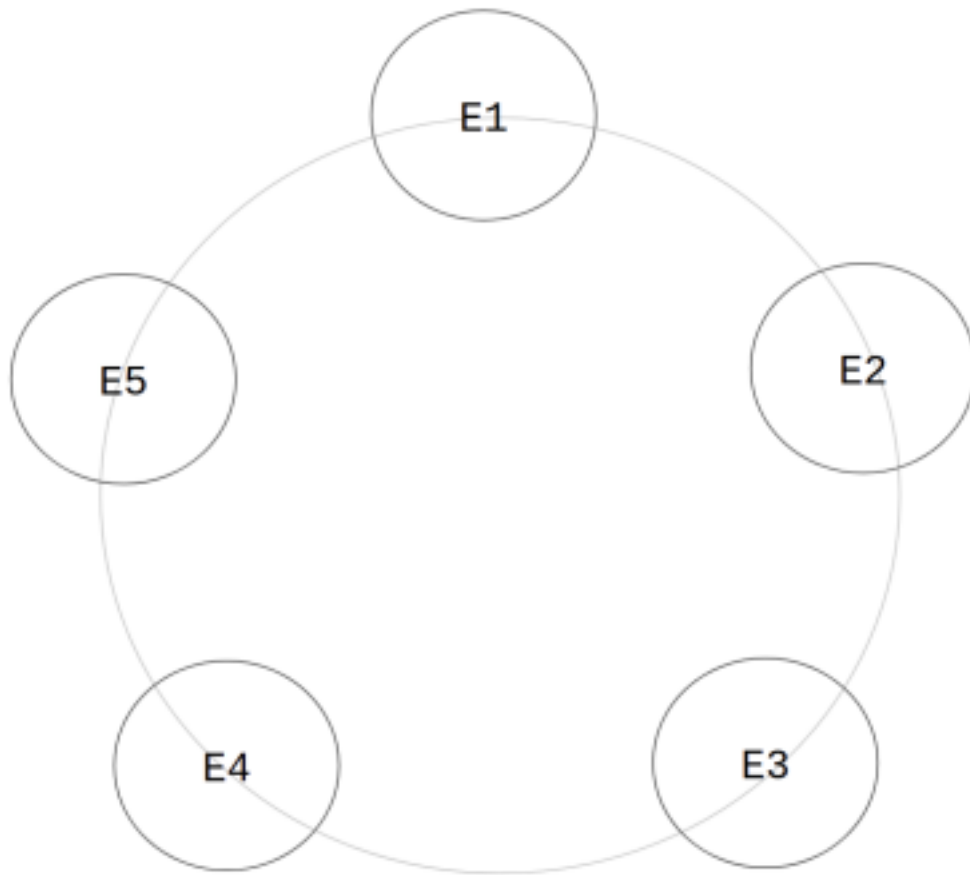
2.

Question

Accept three positive integers as input from the user and check if they form the sides of a right triangle. Print **YES** if they form one, and **NO** if they do not.

3. Question

EvenOdd is a tech startup. Each employee at the startup is given an employee id which is a unique positive integer. On one warm Sunday evening, five employees of the company come together for a meeting and sit at a circular table:



The employees follow a strange convention. They will continue the meeting only if the following condition is satisfied.

The sum of the employee-ids of any two adjacent employees at the table must be an even number.

They are so lazy that they won't move around to satisfy the above condition. If the current seating plan doesn't satisfy the condition, the meeting will be cancelled. You are given the employee-id of all five employees. Your task is to decide if the meeting happened or not.

Eg:

Input : 1 2 3 4 5

Output :No

Input : 4 6 8 10 2

Output : Yes