

# Rajalakshmi Engineering College

Name: Phaveen S  
Email: 240701383@rajalakshmi.edu.in  
Roll no: 240701383  
Phone: null  
Branch: REC  
Department: CSE - Section 6  
Batch: 2028  
Degree: B.E - CSE

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## 2024\_28\_III\_OOPS Using Java Lab

### 2028\_REC\_OOPS using Java\_Week 1\_Q7

Attempt : 1  
Total Mark : 10  
Marks Obtained : 10

#### **Section 1 : Coding**

##### **1. Problem Statement:**

Miles is working on a program that involves analyzing two integers. He wants to check if either one of the integers is both:

Less than or equal to zero, and Odd. Can you help him create a program that identifies whether either of the integers meets these conditions?

##### ***Input Format***

The input consists of two integers on separate lines, denoted as 'input1' and 'input2'.

##### ***Output Format***

A single line with a boolean result (either 'true' or 'false') indicating whether either 'input1' or 'input2' is both less than or equal to zero and odd.

Refer to the sample output for format specifications

### ***Sample Test Case***

Input: -45

10

Output: true

### ***Answer***

```
// You are using Java
import java.util.*;

class w{
    public static void main(String args[])
    {
        Scanner ip = new Scanner(System.in);
        int a = ip.nextInt();
        int b = ip.nextInt();

        //System.out.printf("%d %d",a,b);

        if(a<=0)
        {
            if(a%2!=0)
                System.out.println(true);
            else
                System.out.println(false);
        }
        else if(b<=0){
            if(b%2!=0)
                System.out.println(true);
            else
                System.out.println(false);
        }

        else
            System.out.println(false);
    }
}
```

**Status : Correct**

**Marks : 10/10**