

# Rajalakshmi Engineering College

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Department: CSE - Section 4

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 h{
    public static void main(String args[]){
        Scanner s=new Scanner(System.in);
        int a=s.nextInt();
        int b=s.nextInt();
        if(a<=0){
            if(a%2!=0){
                System.out.printf("true");
            }
            else{
                System.out.printf("false");
            }
        }
        else if(b<=0){
            if(b%2!=0){
                System.out.printf("true");
            }
            else{
                System.out.printf("false");
            }
        }
        else{
            System.out.printf("false");
        }
    }
}
```

**Status : Correct**

**Marks : 10/10**