

# Rajalakshmi Engineering College

Name: Monica B

Email: 240701330@rajalakshmi.edu.in

Roll no: 240701330

Phone: 6385195950

Branch: REC

Department: CSE - Section 8

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**

```
import java.util.*;
class main{
    public static void main(String[] args){
        int a,b;
        Scanner sc=new Scanner(System.in);
        a=sc.nextInt();
        b=sc.nextInt();
        if ((a<=0&&a%2!=0)||((b<=0&&b%2!=0))){
            System.out.println("true");
        }else if ((a<=0&&a%2!=0)&&(b<=0&&b%2!=0)){
            System.out.println("false");
        }
        else{
            System.out.println("false");
        }
    }
}
```

**Status : Correct**

**Marks : 10/10**