

# Rajalakshmi Engineering College

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Branch: REC

Department: AI & ML - Section 1

Batch: 2028

Degree: B.E - AI & ML

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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.*;
public class Main{
    public static void main(String[] args){
        Scanner anal = new Scanner(System.in);
        int a = anal.nextInt();
        int b = anal.nextInt();
        boolean c1 = (a <= 0 && a % 2 != 0);
        boolean c2 = (b <= 0 && b % 2 != 0);
        boolean res = c1 || c2;
        System.out.println(res);
        anal.close();
    }
}
```

**Status :** Correct

**Marks : 10/10**