

# Rajalakshmi Engineering College

Name: SONASREE RP

Email: 240701521@rajalakshmi.edu.in

Roll no: 240701521

Phone: 7305340666

Branch: REC

Department: CSE - Section 10

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.Scanner;
```

```
class miles{
```

```
    public static void main(String[] args){
```

```
        Scanner sc = new Scanner(System.in);
```

```
        int a = sc.nextInt();
```

```
        int b = sc.nextInt();
```

```
        boolean condition = ((a<=0&&a%2!=0) || (b%2!=0&&b<=0));
```

```
        if(condition){
```

```
            System.out.println("true");
```

```
        }
```

```
        else{
```

```
            System.out.println("false");
```

```
        }
```

```
    }
```

```
}
```

**Status : Correct**

**Marks : 10/10**