

# Rajalakshmi Engineering College

Name: chandru k  
Email: 241001501@rajalakshmi.edu.in  
Roll no: 241001501  
Phone: 7358178749  
Branch: REC  
Department: IT - Section 3  
Batch: 2028  
Degree: B.E - IT

Scan to verify results



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

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

Attempt : 2  
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.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Read two integers on separate lines
        int input1 = scanner.nextInt();
        int input2 = scanner.nextInt();

        // Check if either number is both <= 0 and odd
        boolean isFirstValid = (input1 <= 0) && (input1 % 2 != 0);
        boolean isSecondValid = (input2 <= 0) && (input2 % 2 != 0);

        // Final result
        boolean result = isFirstValid || isSecondValid;

        // Print the result
        System.out.println(result);
    }
}
```

**Status :** Correct

**Marks :** 10/10