

Rajalakshmi Engineering College

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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;

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

        // Read two integers from input
        int input1 = scanner.nextInt();
        int input2 = scanner.nextInt();

        // Check conditions for input1 and input2
        boolean result = checkConditions(input1) || checkConditions(input2);

        // Print the result as 'true' or 'false'
        System.out.println(result ? "true" : "false");

        scanner.close();
    }

    // Function to check the conditions
    private static boolean checkConditions(int num) {
        return num <= 0 && num % 2 != 0;
    }
}
```

Status : Correct

Marks : 10/10