

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.Scanner;
```

```
public class Main {  
    public static void main(String[] args) {  
        Scanner sc = new Scanner(System.in);  
  
        int input1 = sc.nextInt();  
        int input2 = sc.nextInt();  
  
        // Check condition for input1  
        boolean condition1 = (input1 <= 0) && (input1 % 2 != 0);  
  
        // Check condition for input2  
        boolean condition2 = (input2 <= 0) && (input2 % 2 != 0);  
  
        // If either condition1 or condition2 is true  
        boolean result = condition1 || condition2;  
  
        // Print result  
        System.out.println(result);  
    }  
}
```

Status : Correct

Marks : 10/10