

Rajalakshmi Engineering College

Name: Bhargav Venkat DC
Email: 241001032@rajalakshmi.edu.in
Roll no: 241001032
Phone: 9884969277
Branch: REC
Department: IT - Section 1
Batch: 2028
Degree: B.E - IT

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

        int input1 = sc.nextInt();
        int input2 = sc.nextInt();

        boolean condition1 = (input1 <= 0) && (input1 % 2 != 0);
        boolean condition2 = (input2 <= 0) && (input2 % 2 != 0);

        if (condition1 || condition2) {
            System.out.println("true");
        } else {
            System.out.println("false");
        }

        sc.close();
    }
}
```

Status : Correct

Marks : 10/10