Rajalakshmi Engineering College

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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, andOdd.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

```java
import java.util.Scanner;
/*class check{
    public static void main(String args[])
    {
        Scanner scan=new Scanner(System.in);
        int num1=scan.nextInt();
        int num2=scan.nextInt();
        if(((num1==0 || num2==0) || (num1<0 || num2<0)) && ((num1%2==1 ||
num1%2==-1)|| (num2%2==1|| num2%2==-1)))
        {
            System.out.println("true");
        }
        else
        {
            System.out.println("false");
        }
    }
}*/
    class check{
        public static boolean val(int n1){
            return (n1<=0 && n1%2!=0);
        }
        public static void main(String args[])
        {
            Scanner scan=new Scanner(System.in);
            int n1=scan.nextInt();
            int n2=scan.nextInt();
            boolean res=val(n1)||val(n2);
            System.out.println(res);
        }
    }
```