Day 6 Coding Statement

Day 6 coding Statement: Write a program to find the Quadrants in which coordinates lie

Get the value of x and y coordinates as input from the user and check in which quadrant the point lies and print it.

Input

10 20

Output

This point lies in first quadrant.

Input

-10 20

Output

This point lies in second quadrant.

SOULTION

```java
import java.util.Scanner;
public class Day6 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Two Numbers for quadrants ");
        int num1 = sc.nextInt();
        int num2 = sc.nextInt();
        if(num1>=0 && num2>=0){
            System.out.println("This point lies in first Quadrant.");
        }else if(num1<0 && num2>=0){
            System.out.println("This point lies in second quadrant. ");
        }else if(num1<0 && num2<0){
```

```java
            System.out.println("This point lies in third quadrant. ");

        }else{

            System.out.println("This point lies in second quadrant. ");

        }

    }

}
```