

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

```
package vowel;

import java.util.*;

public class Vowel {

    public static void main(String[] args) {

        Scanner sc=new Scanner(System.in);

        int x=sc.nextInt( );

        int y=sc.nextInt( );

        if(x>=0 ){
            if(y>=0){
                System.out.println("This point lies in first quadrant.");
            }
            else{
                System.out.println("This point lies in fourth quadrant.");
            }
        }

        else{
            if(y>=0){
                System.out.println("This point lies in second quadrant.");
            }
            else{
                System.out.println("This point lies in Third quadrant.");
            }
        }
    }

}
```