

```
1 //Write a program to find the Quadrants in which coordinates lie
2 import java.util.Scanner;
3 public class day6 {
4     public static void main(String[] args){
5         Scanner sc = new Scanner(System.in);
6         System.out.println("Enter the value: ");
7         int x = sc.nextInt();
8         int y = sc.nextInt();
9
10        if(x>=0 && y>=0){
11            System.out.println("This point lies in first quadrant");
12        }
13        else if(x<=0 && y>=0)
14        {
15            System.out.println("This point lies in second quadrant");
16        }
17        else if(x<=0 && y<=0)
18        {
19            System.out.println("This point lies in third quadrant");
20        }
21        else if(x>=0 && y<=0)
22        {
23            System.out.println("This point lies in fourth quadrant");
24        }
25        sc.close();
26    }
27 }
28
29
30
31
```