```java
import java.util.*;
public class quadrant {
    public static void main(String[] args) {
      Scanner o=new Scanner(System.in);

    int x=o.nextInt();
    int y=o.nextInt();

    if (x>0 && y>0)
    {
        System.out.println("First Quadrant");}
    else if(x<0 && y>0){
        System.out.println("second quadrant");}
    else if (x>0 && y<0){
        System.out.println("third quadrant");
    }
    else if (x<0 && y<0){
        System.out.println("Fourth quadrant");
    }
    else{
        System.out.println("point lies on origin");
    }

    }

}
```