

```
import java.util.Scanner;
```

```
public class Day6 {
```

```
    public static void main(String[] args) {
```

```
        Scanner scanner = new Scanner(System.in);
```

```
        System.out.print("Enter the x coordinate: ");
```

```
        double x = scanner.nextDouble();
```

```
        System.out.print("Enter the y coordinate: ");
```

```
        double y = scanner.nextDouble();
```

```
        if (x > 0 && y > 0) {
```

```
            System.out.println("The point lies in Quadrant 1.");
```

```
        } else if (x < 0 && y > 0) {
```

```
            System.out.println("The point lies in Quadrant 2.");
```

```
        } else if (x < 0 && y < 0) {
```

```
            System.out.println("The point lies in Quadrant 3.");
```

```
        } else if (x > 0 && y < 0) {
```

```
            System.out.println("The point lies in Quadrant 4.");
```

```
        } else {
```

```
            System.out.println("The point lies on the x or y axis.");
```

```
        }
```

```
    }
```

```
}
```