Question 2 : Algorithm

1. Start
2. Ask the user to input the coordinates
3. If $x > 0$ and $y > 0$, print that the point lies in the first quadrant
4. Else if $x < 0$ and $y > 0$, print that the point lies in the second quadrant
5. Else if $x < 0$ and $y < 0$, print that the point lies in the third quadrant
6. Else if $x > 0$ and $y < 0$, print that the point lies in the fourth quadrant