

## Question 2: Pseudocode

Start

Input  $x$  &  $y$

If ( $x > 0$  &  $y > 0$ )

print ("point is in first quadrant")

Else if ( $x < 0$  &  $y > 0$ )

print ("point is in second quadrant")

Else if ( $x < 0$  &  $y < 0$ )

print ("point is in third quadrant")

Else if ( $x > 0$  &  $y < 0$ )

print ("point is in fourth quadrant")

Else if ( $x = 0$  &  $y \neq 0$ )

print ("point is on y-axis")

Else if ( $x \neq 0$  &  $y = 0$ )

print ("point is on x-axis")

End if

End