

Case I : The Absolute value of the Slope ≤ 1

$$\text{Slope} = (y_2 - y_1) / (x_2 - x_1)$$

Increments are taken along the x-axis. Starting at x_1 and ending at x_2 .

$(x_2 - x_1)$ must be \geq to the increment

All points must be in **QUADRANT I**

x_1, x_2, y_1 & y_2 must be ≥ 0

