

$\text{delta_x} = (\text{x1} > \text{x0}) ? \text{x1} - \text{x0} : \text{x0} - \text{x1}$
 $\text{delta_y} = (\text{y1} > \text{y0}) ? \text{y1} - \text{y0} : \text{y0} - \text{y1}$
 $\text{is_steep} = (\text{delta_y} > \text{delta_x})$
 $\text{error_value} = (\text{is_steep}) ? \text{error} + \text{delta_x} : \text{error} + \text{delta_y}$
 $\text{error_bool} = (\text{error_value} \geq 0)$

