Example:

1) Consider a line between (20,10) & (30,18). Draw using Bresenhamis Algo.

$$(x_0, y_0) = (20, 10)$$
 & $(x_1, y_1) = (30, 18)$

$$m = \frac{18-10}{30-20} = 0.8$$

$$\Delta y = 18 - 10 = 8$$

$$3 - 2 \quad (23,12)$$

2) Consider a line using (1,1) &(8.5). Draw using Bresenhami Algo. fromble - Wild-being Agnosty (xo, yo) = (1,1) & (x, y,) = (8,5) DQ = 8-1=7 DY = 5-1=4 Po = 2 sy - sx 2 14 = 8 2 by - 2002 = 8 - 14 = -6

PK (2K+1, YK+1) PK+1 0 (199- (2,2) 1 + 5 + 5 + 5 + 8 = 3) pse-3 (4,3) = 3-6=-3 3=2-3+8=25 3 - 313-3 - (5,3) = 5 - 6 = -1 5 (6,4) 2-148=7 5-88-100 (7,4) 6 7 (8,5)

5 288 (6,4) 452 512 = 288 4452 - 512+36

244 (7,8) 504 384

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