Mid Point Line Algorithm

We know,
$$m = \frac{dy}{dx} = \frac{Ay}{Ax}$$

and $y = mx + e' = 0$

$$\Rightarrow mx - y + e' = 0$$

$$\Rightarrow dy \cdot x - dx \cdot y + dx \cdot e' = 0$$

$$\therefore dy \cdot x - dx \cdot y + dx \cdot e' = 0$$

$$\therefore dy \cdot x - dx \cdot y + e' = 0$$

$$\therefore dx \cdot e' = e' = e'$$

We know, line equation is,

$$Ax + By + e' = 0 \qquad \text{(i)}$$

From (1) and (1),
$$\therefore A = dy \qquad \text{and} \qquad B = -dx$$

$$\text{Man}(x_{0}x_{1}^{2}y_{1}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2})$$

$$\text{Zone=3} \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2})$$

$$\text{Mon}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2}) \qquad \text{Man}(x_{0}x_{1}^{2}y_{1}^{2}y_{1}^{2})$$

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$$\text{Mon}(x_{0}x_{1}^{2}y_{1$$