COEN 148 Assignment 1

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Question1

Use Bresenham's line rasterization algorithm to rasterized the following line:

$$\text{Start Point:} \quad (1, 2)$$
$$\text{End Point:} \quad (7, 3)$$

The decision parameter p and the coordinates (x, y) for each step are as follows:

k	pk	(x, y)
0	n/a	$(1, 2)$
1	-4	$(2, 2)$
2	-2	$(3, 3)$
3	0	$(4, 3)$
4	-10	$(5, 3)$
5	-8	$(6, 3)$
6	-6	$(7, 3)$