2.4.

$$G(z) = \frac{0.632}{z - 0.368} = \frac{0,632 z^{-1}}{1 - 0,368 z^{-1}} = \frac{Y(z)}{X(z)}$$

$$(1 - 0,368 z^{-1}) Y(z) = 0,632 z^{-1} X(z)$$

$$Y(z) = 0,632 z^{-1} X(z) + 0,368 z^{-1} Y(z)$$

$$y(k) = 0,632 x(k-1) + 0,368 y(k-1)$$

k	x(k)	y(k)
0	10	0
1	10	—
2	10	—
3	10	—
4	10	—
5	10	—