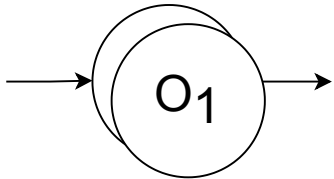
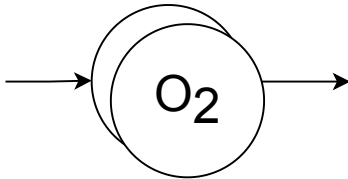


$$q_1(t) = 5 \text{ events}$$
$$Q_1(t) = 0$$



$$q_2(t) = 20 \text{ events}$$
$$Q_2(t) = 0.5$$



$$q_3(t) = 100 \text{ events}$$
$$Q_3(t) = 0.9$$

