$$D=(Q,\Sigma,\delta,q_0,F)$$

States

$$Q = \{q_0, q_1, q_2, q_3, q_4, q_5\}$$

 $F = \{q_5\}$

 q_0 : "open" is entered now (ignore case)

 q_1 : "unlock" has been entered before (ignore case)

 q_2 : "c" has been entered before (ignore case)

 q_3 : "m" has been entered before (ignore case)

 q_4 : "w" \vee "up" \vee "s" \vee "down" \vee "a" \vee "left" \vee "d" \vee "right" has been entered before (ignore case)

 q_5 : accept state

Alphabet

$$\Sigma = \{1, 0\}$$

Transition function

 δ : transition function

Language

$$L(D) = \{ w \in \{0,1\} \mid w \text{ ends in } 111111 \}$$

