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

States

$Q=\{q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7\}$
$F=\{q_6\}$

q_0 : START STATE
q_1 : “y” is entered now (ignore case)
q_2 : “open” is entered now (ignore case)
q_3 : “unlock” has been entered before (ignore case)
q_4 : “c” has been entered before (ignore case)
q_5 : “m” has been entered before (ignore case)
q_6 : “w” ∨ “up” ∨ “s” ∨ “down” ∨ “a” ∨ “left” ∨ “d” ∨ “right” has been entered before (ignore case)
q_7 : FAILED STATE

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

Transition function
δ : transition function

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