

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

$a=w, up, s, down, a, left, d, right$

For  $y, unlock, a, c, m, open, exit$ : ignore case

$L(D)=\{y, unlock \{a, c, m\}^* open\}$

$Q=\{q_0, q_1, q_2, q_3, q_4, q_5, q_6, q_7, q_8, q_9, q_{10}, q_{11}, q_{12}, q_{13}, q_{14}, q_{15}, q_{16}, q_{17}, q_{18}, q_{19}, q_{20}\}$

$\Sigma=\{y, unlock, a, c, m, open, exit\}$

$\delta$ : Transition Function

$F=\{q_{18}\}$

