## **States**

q0: "open" (ignore case)

q1: "unlock" (ignore case)

q2: "c" (ignore case)

q3: "m" (ignore case)

q4: "w"  $\vee$  "up"  $\vee$  "s"  $\vee$  "down"  $\vee$  "a"  $\vee$  "left"  $\vee$  "d"  $\vee$  "right" (ignore case)

## Language

 $L = \{ w \in \{0,1\} \mid w \text{ ends in } 11111 \}$ 

