

Q3

Wednesday, May 20, 2020

4:15 PM

$$F = \{q_1\} \quad \delta = \left\{ \begin{array}{l} q_0, 0 \rightarrow q_0 \\ q_0, \epsilon \rightarrow q_1 \\ q_1, 1 \rightarrow q_2 \\ q_2, 0 \rightarrow q_1 \\ \end{array} \right\}$$

Input

$$\begin{array}{c} \epsilon, q_0 \\ | \\ \epsilon \\ | \\ \emptyset, q_1 \end{array} \quad q_1 \text{ is accepted}$$

$\therefore \epsilon$ is accepted