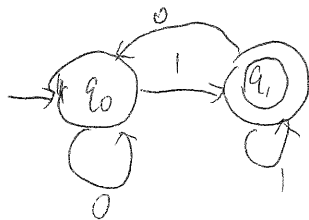


To construct a DFA:

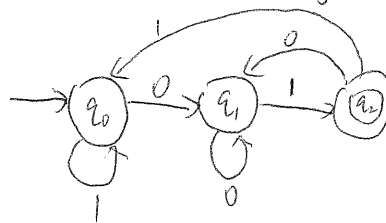
1. Each node must have transition function δ for every symbol in Σ

2. Transition function δ are unique

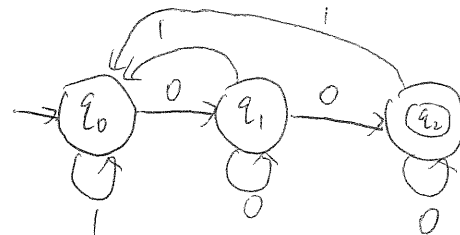
Example $L = \{x \mid x \text{ ends with } 1\}$



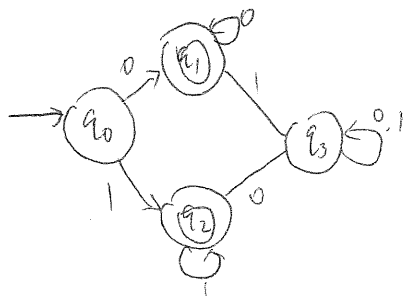
$L = \{x \mid x \text{ ends with } 01\}$



$L = \{x \mid x \text{ ends with } 00\}$



$L = \{x \mid x \text{ only contains } 0's \text{ or } 1's\}$



$L = \{x \mid x \text{ starts and ends with } 1\}$

