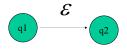


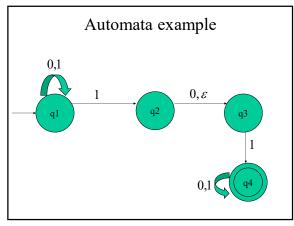
Symbol \mathcal{E} empty symbol.

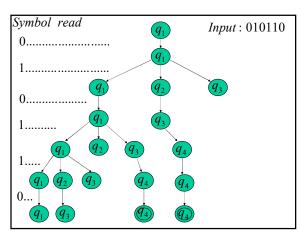
- It represents the empty symbol.
- If ${\mathcal E}$ used , one state moves to the next without consuming any symbol



1

2





3

4

Acceptance of NFA

• The nondeterministic machine accepts if at least one of the computation branches ends in an accept state.

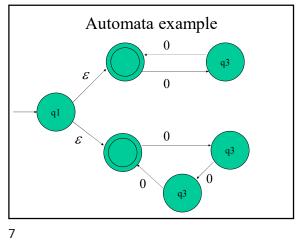
Language recognized

• Let A be a set of strings that contain either 101 or 11 as a substring.

E.G. 001010, 10111

5

6



Language recognized

Accept all strings 0^k , where k is a multiple of 2 and 3.

