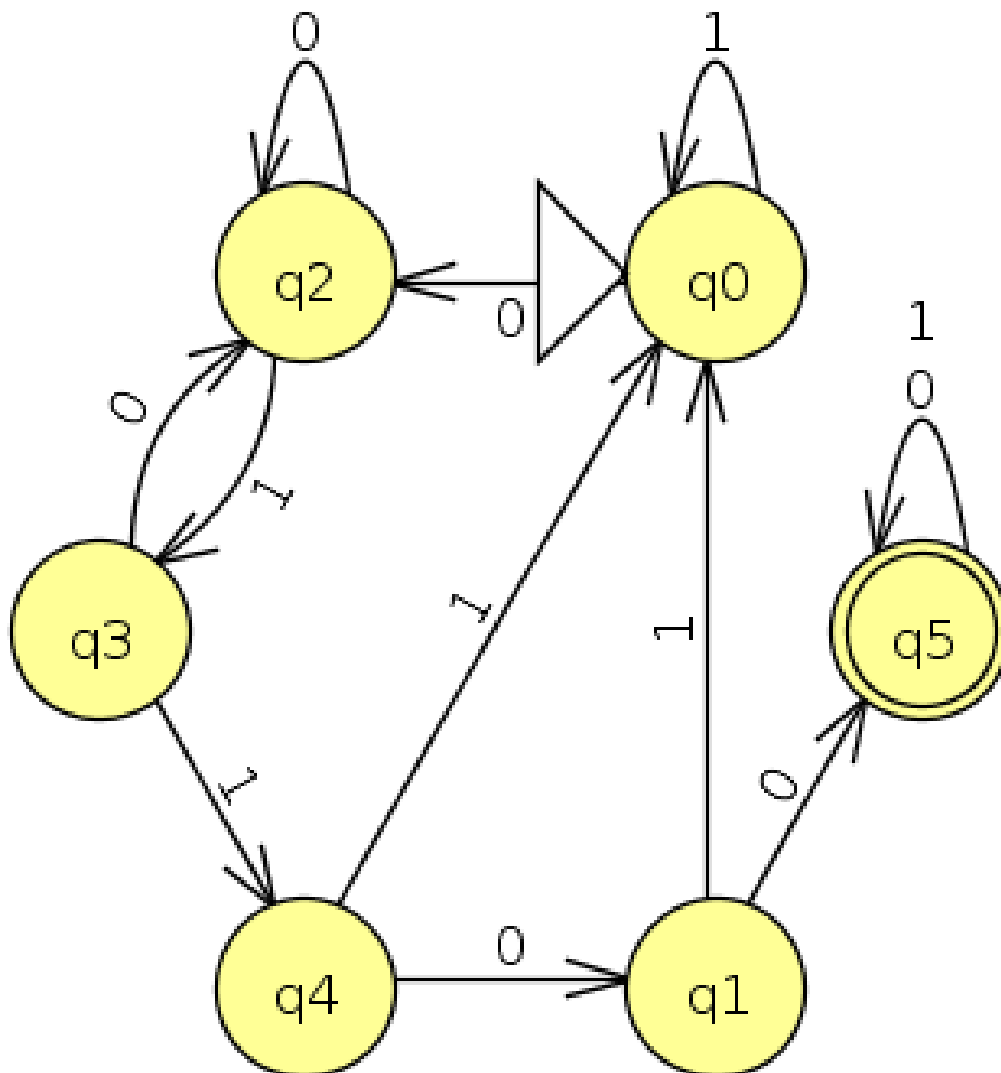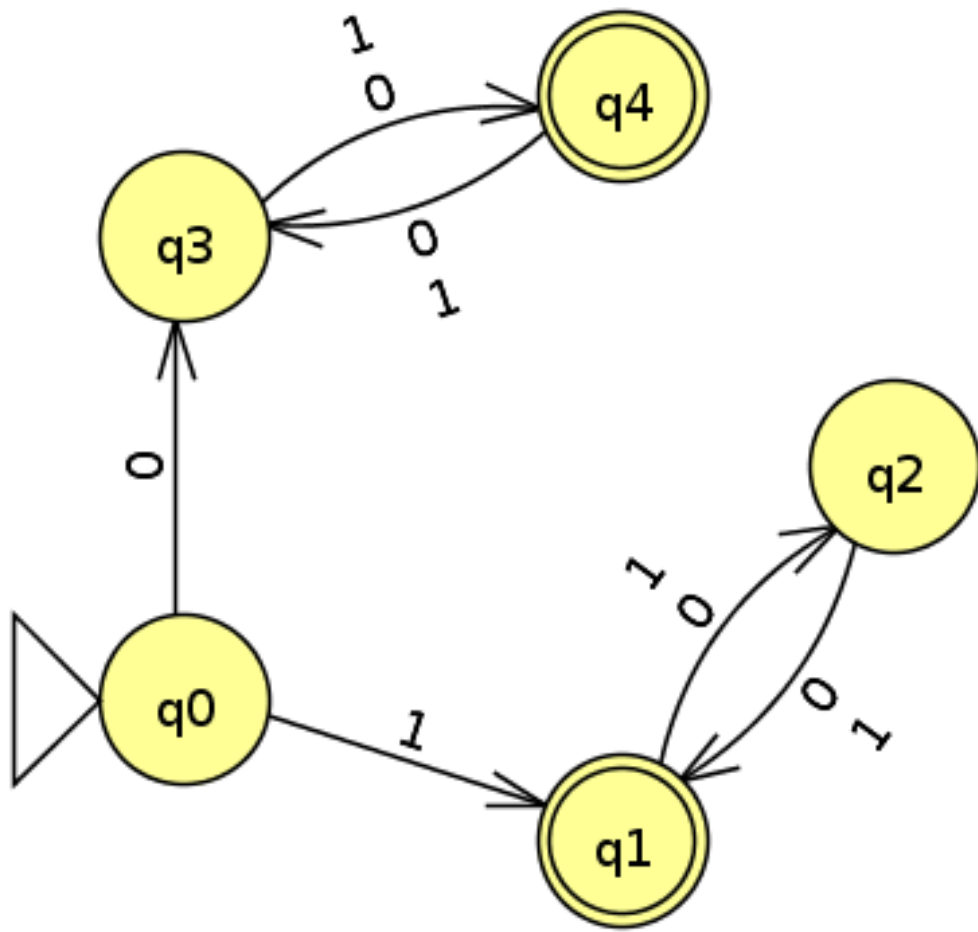# Homework 2

William Jagels

January 31, 2017

1.

2.

3.
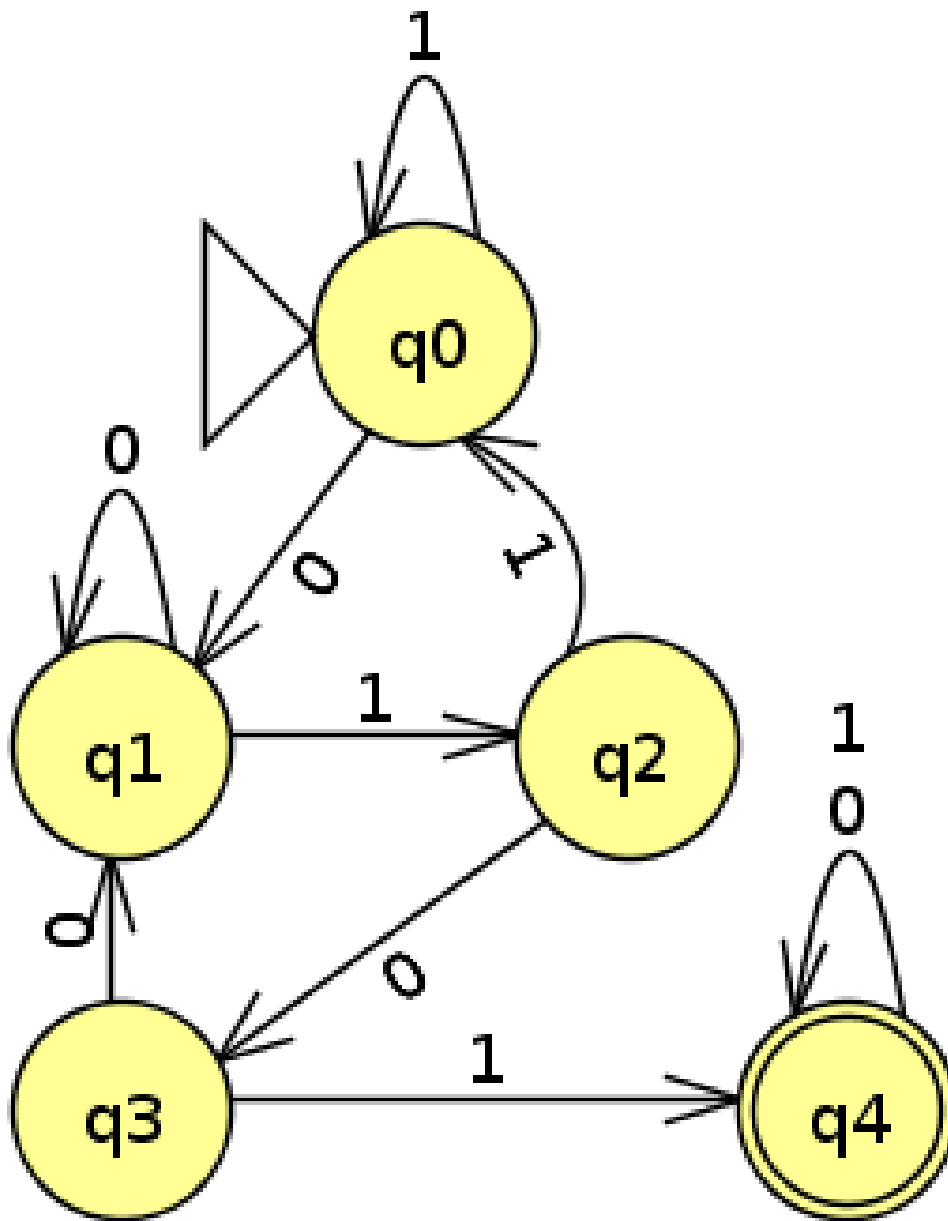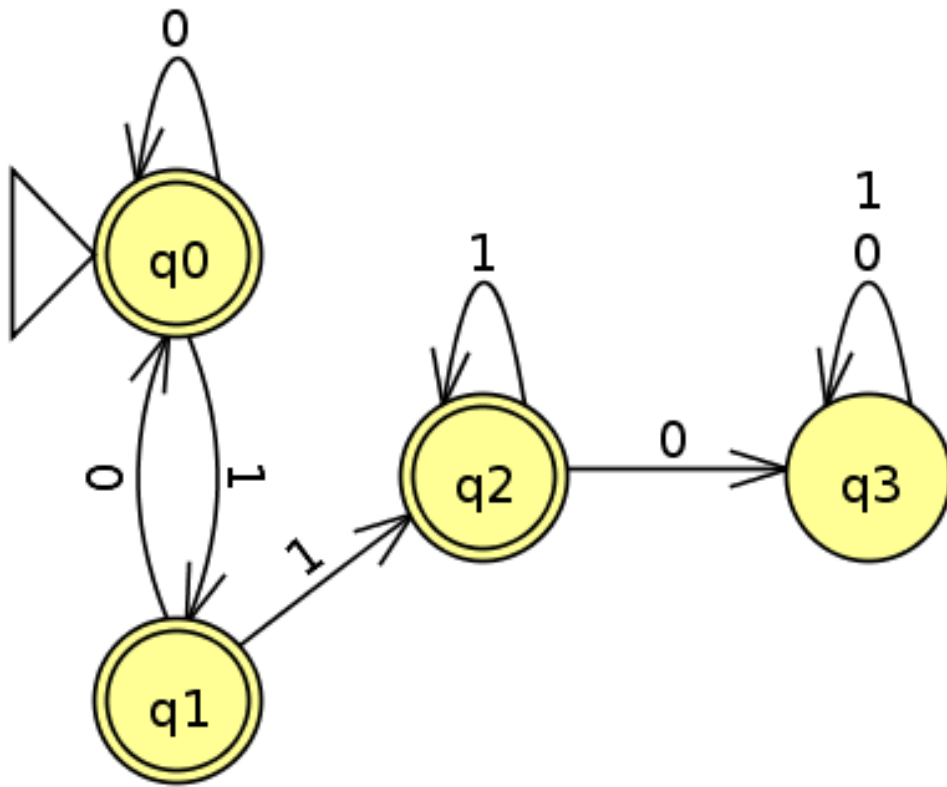
4.

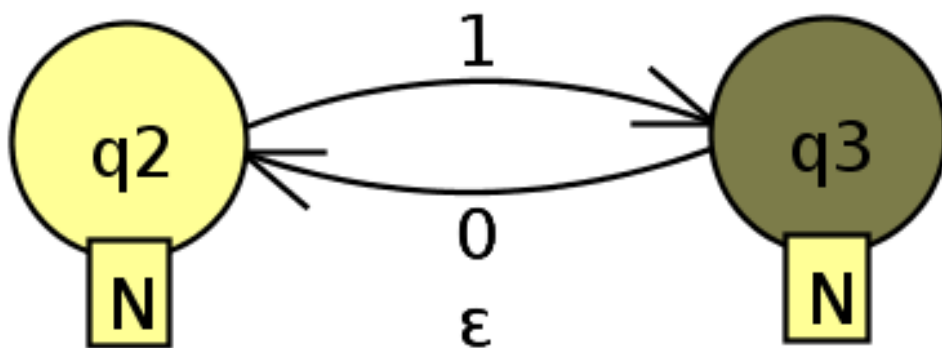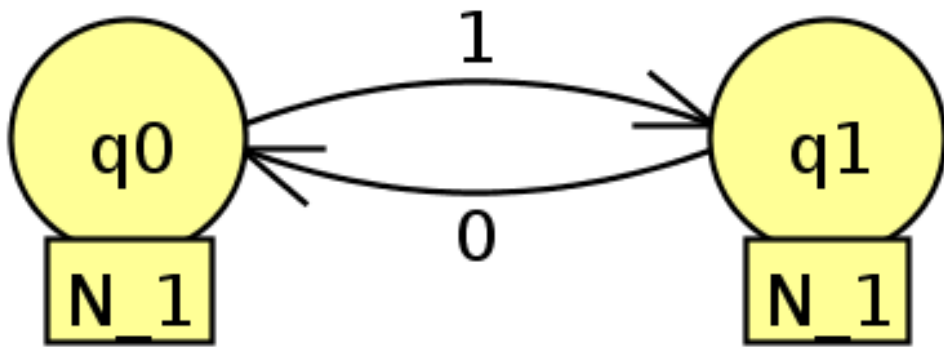**5.**

3
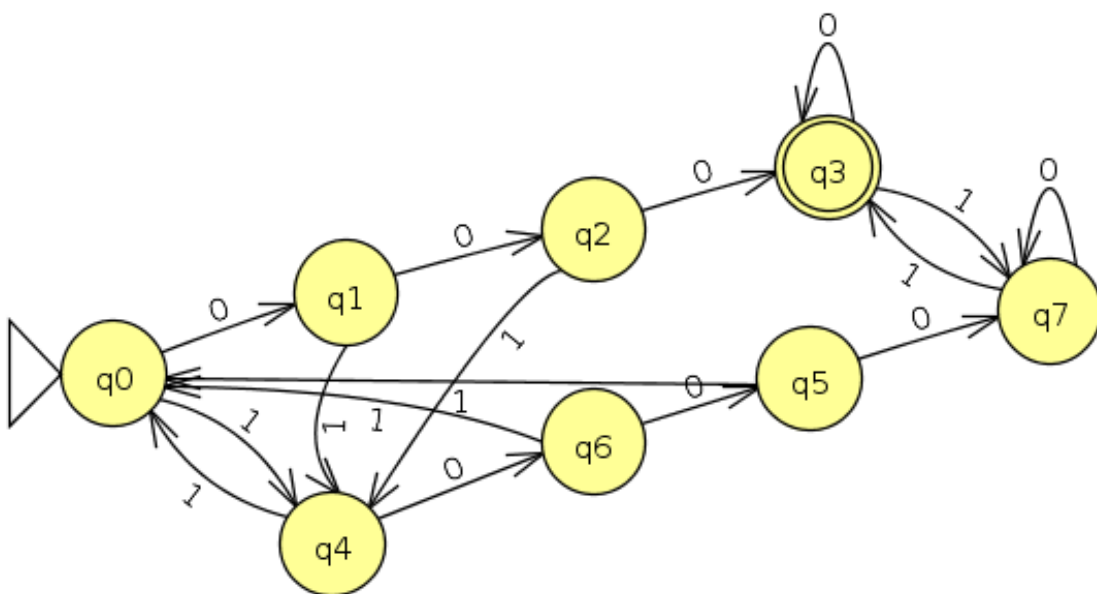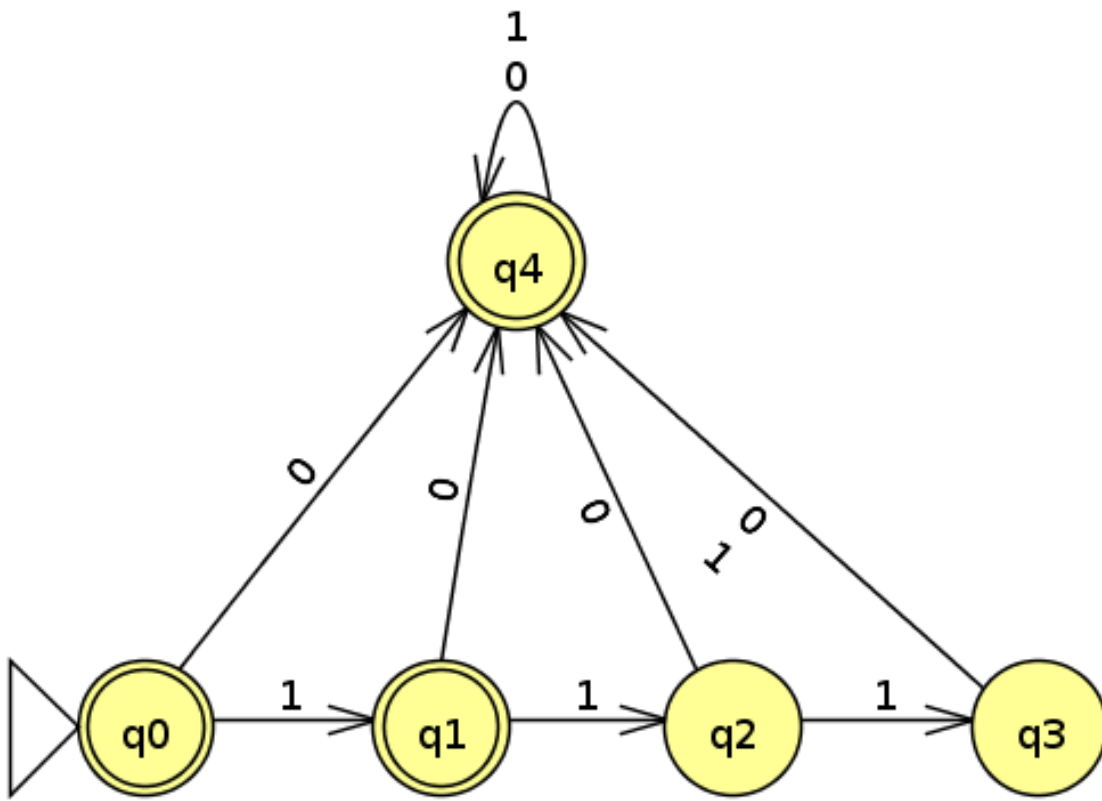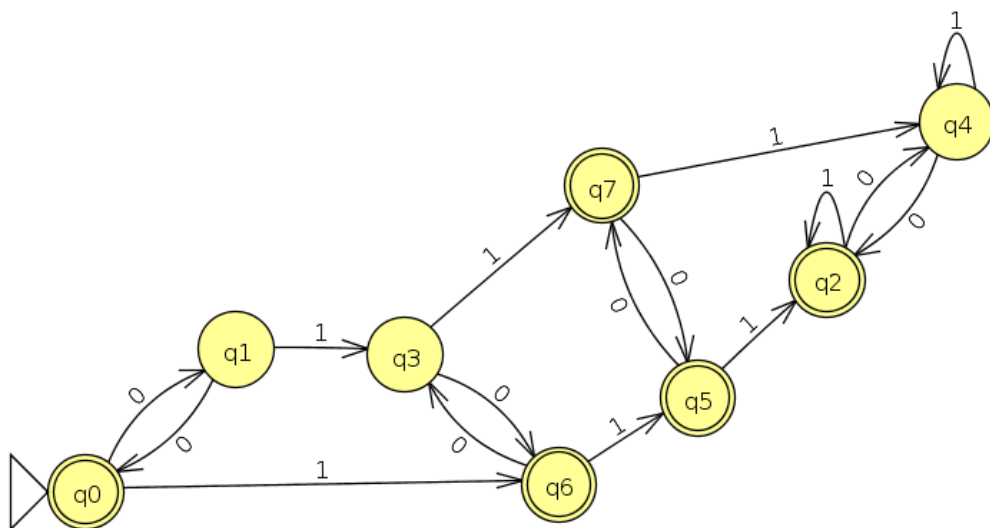
6.
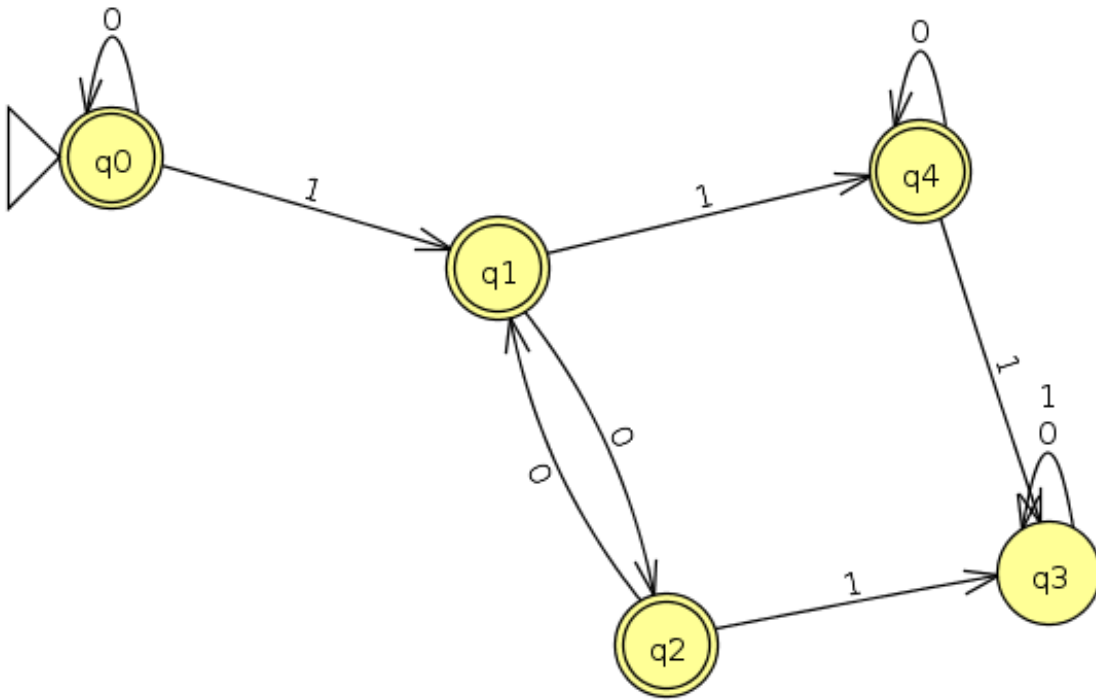
7.

8.

9.

10.

If you craft some NFA that recognizes the input string. Then flip all the arrows, and use the start state as the one accept state. For the start state, create a new one and connect it to the old accept states with ϵ-transitions. Since an NFA recognizes the language, it is regular.