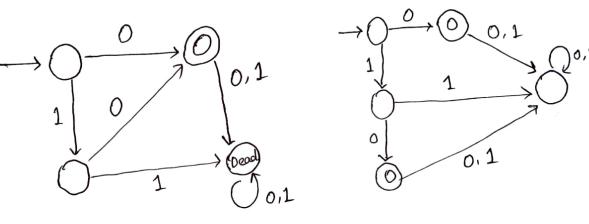
L1 =
$$\{0,10\}$$

L2 = L1*
L3 = $\{\omega: \text{ the length if } \omega \text{ is four }\}$

- a) write down all strings in L2 1 L3. 0000, 0010, 0100, 1000, 1010
- b) DFA for L1:



on, we can also do this:

c) DFA for L2: 0 1Dead 0.1