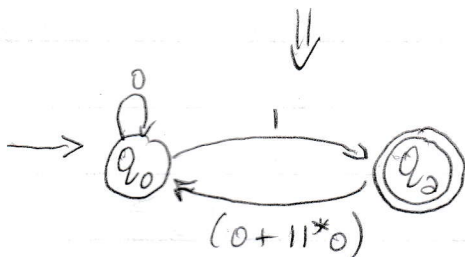
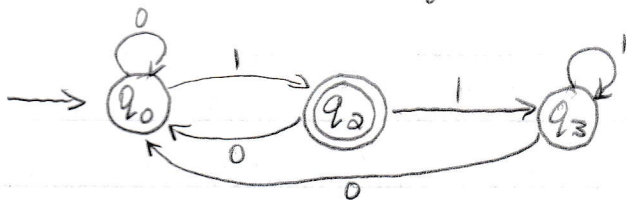


In-class exercise:

- convert FA into equivalent regular expression



$$r = (0^*1) + [(0 + 11^*0)(0^*1)]^*$$

- From  $q_0$ , you can have zero star and one to  $q_2$ , and end. You can go from  $q_2$  to  $q_0$  from a zero or from one, one star, zero and then go back to  $q_2$  using zero star and one, then end or repeat.