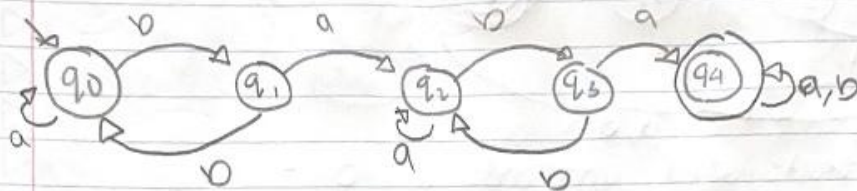
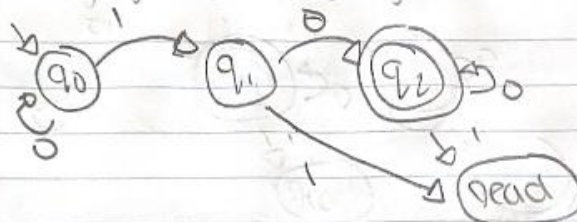


Homework #1

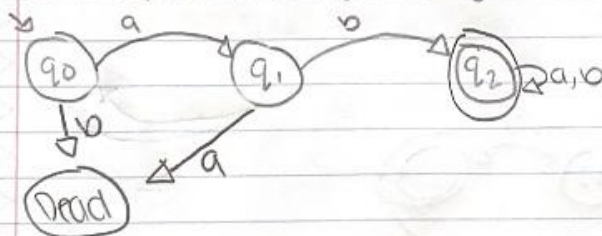
- 1) language $\{0,1\}^*$, all strings w/ 2 occurrences of 0a.
2 occurrences can be anywhere



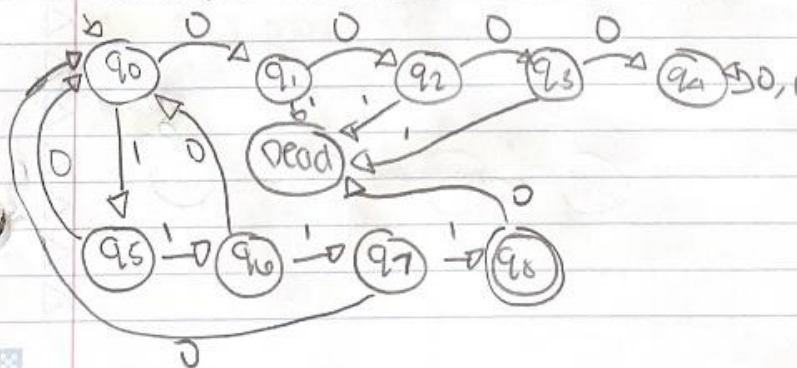
- 2) language $\{0,1\}^*$ all strings w/ exactly one 1 and at least one 0



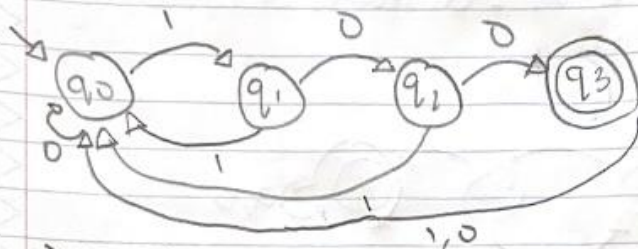
- 3) $L = \{0,1\}^*$ all strings starting w/ 0a



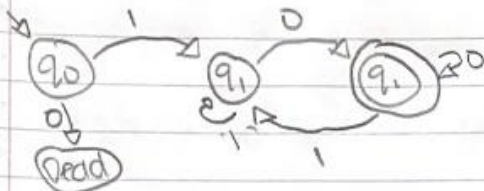
- 4) $L = \{0,1\}^*$ that starts w/ 0000 or ends w/ 1111



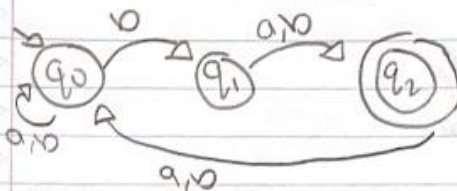
6) $\{0,1\}^*$ ending in 100



5) $\{0,1\}^*$ starts w/ 1 and ends w/ 0



7) second to last is 0



8) Third to last is a

