## CS 341, Fall 2007 Solutions for Quiz 1, Day Section

- 1. (a) bab, abab, bbab, aabab, abbab, babab
  - (b) A is not closed under reversal. For example, the string  $abab \in A$ , but its reversal  $baba \notin A$ .
  - (c) A DFA for A is below:

