Quiz #2

Name: _____   Honor Code: _____

1. Give an NFA for the language that includes all strings of {a,b} that contain the substring aba or the substring abba or the substring bab.
   Some strings accepted by this language include: baba, aba, abba, babbab
   Some strings **not** accepted by this language include: aaa, abb, bbaabb, baab, baa

2. Convert the following NFA into a regular expression.
   Some strings accepted by this NFA are: 010, 0100, 0101110101, 010001010111, 1101011
   Some strings **not** accepted by this NFA are: 101, 01, 111000, 101010, 000