UNLV CS456 Regular Languages

Name: ⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯

1. Give a regular expression for each of these languages.

   (a) All binary strings which do not contain '000' as a substring.

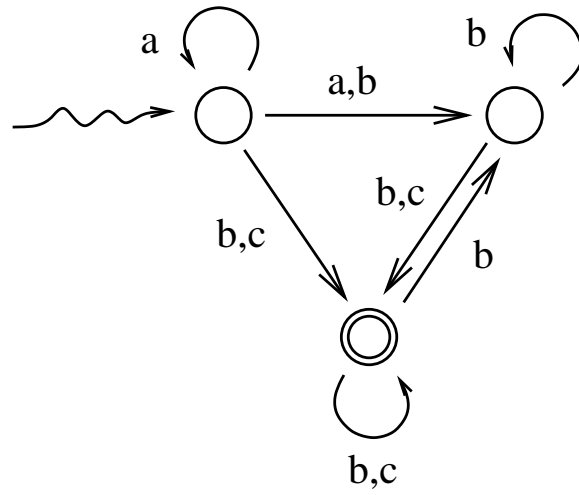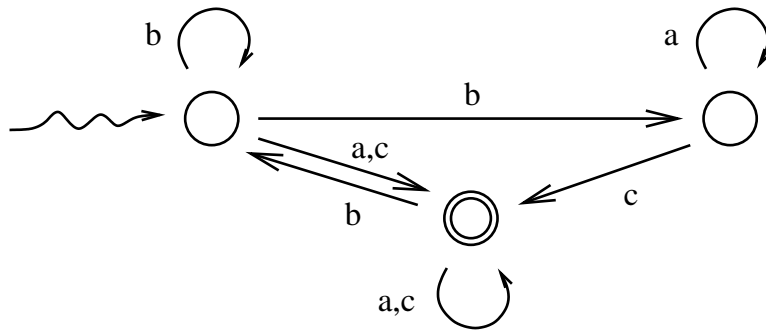   (b) Base 5 numerals for positive multiples of 3, where leading zeros are not allowed.
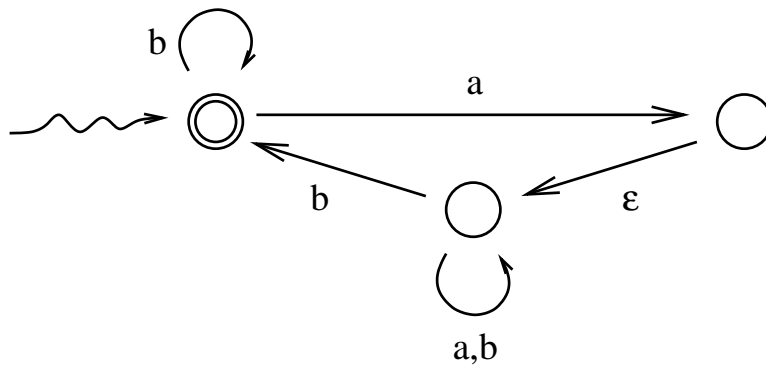
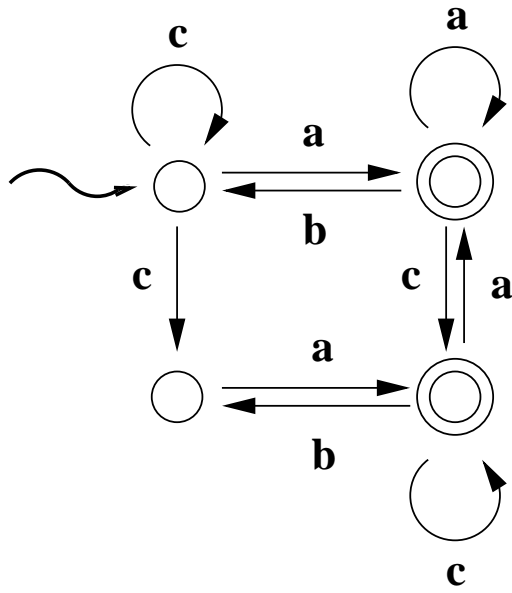2. Find a minimal DFA equivalent to each of these NFAs.

(a)

(b)

(c)

(d)

3.