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COS 451/550 Spring 2O22 Class Exercise 3 3 questions; 2 pgs. 2022-02-14
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1. Write your name in the space below.
2. Use the textbook's method to generate NFAs that are equivalent to $a(d \cup a)^{*}$ and $(\mathrm{a} \cup \mathrm{b} \cup \mathrm{c})^{*}(\mathrm{ab} \cup \mathrm{ba})$. [Extra practice: Convert each NFA to an equivalent DFA.]
3. Use the textbook's method to find a regular expression equivalent to the following FSA:

