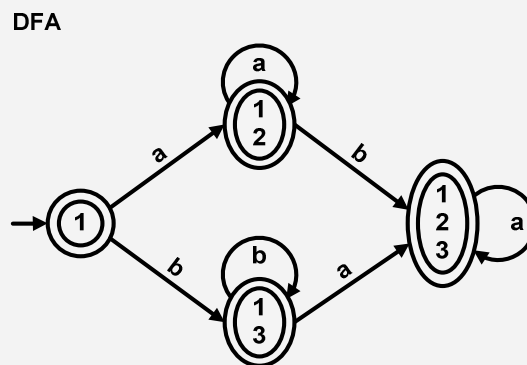
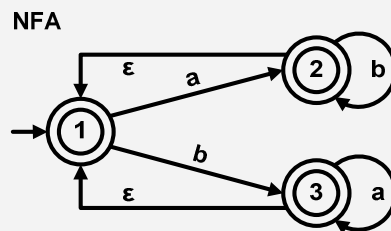


Homework #6

Using the mechanical method illustrated in class, find the NFA for the regular expression $(ab^* | ba^*)^*$ and then convert this into a DFA.

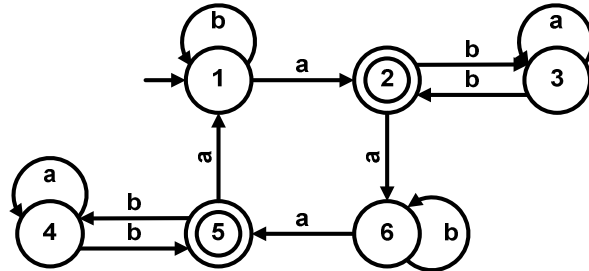
Answer:

The NFA shown below is one possible NFA solution for the aforementioned regular expression. The NFA you came up with may be different to this. They are all correct as long as the final simplified NFA is the same.



Homework #6

Minimize the following DFA.



Answer:

