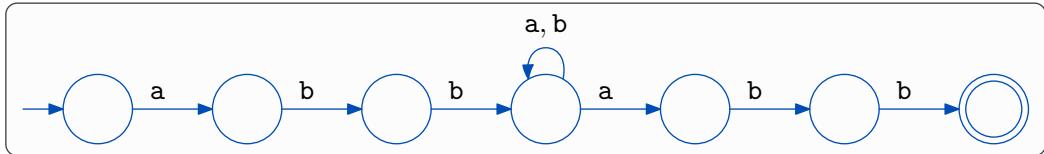


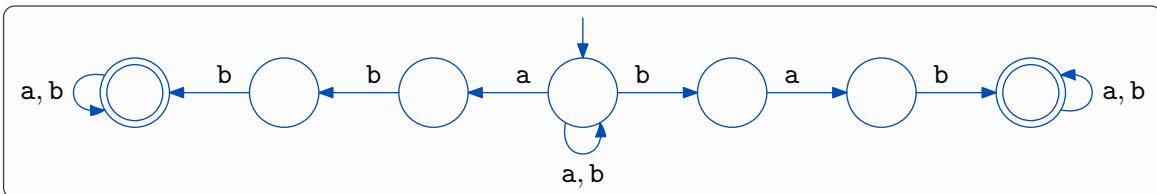
## In-class Practice 4: NFAs

For the alphabet  $\{a, b\}$ , give an NFA for each language:

1. All strings beginning and ending with abb



2. All strings containing abb or bab (or both) as a substring



3. All strings NOT containing abb as a substring

