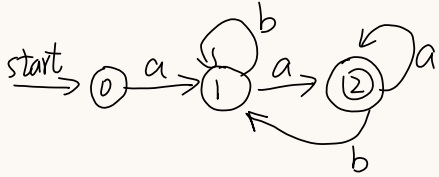
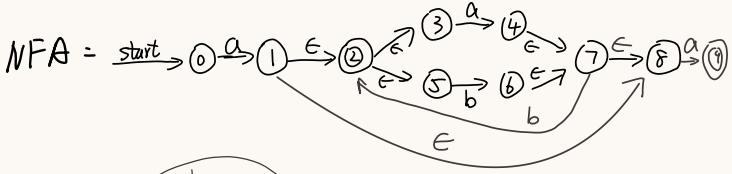
练习3.3

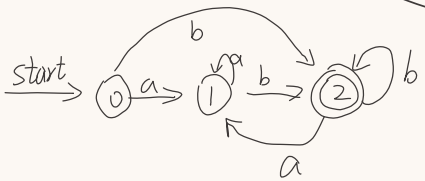
3.3.1 ① DFA：



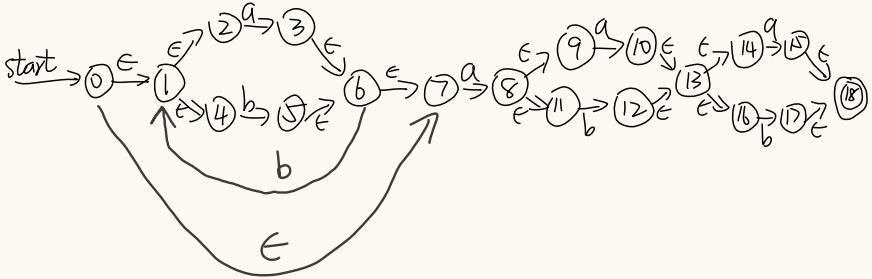
NFA：



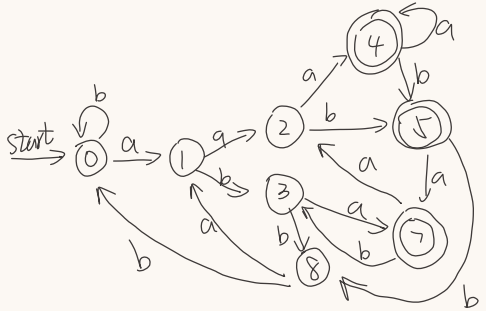
②



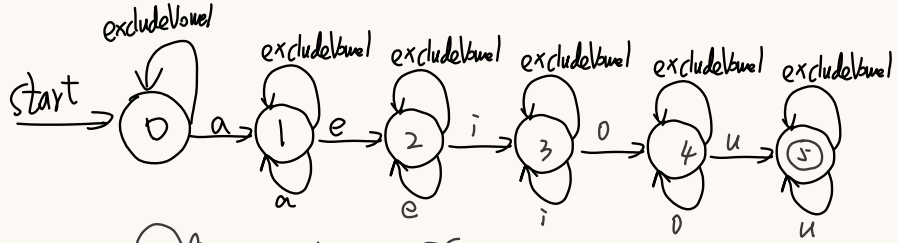
③ NFA：

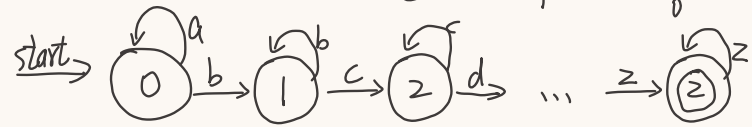


DFA:


start
0
1
2
3
4
5
7
8
a
b

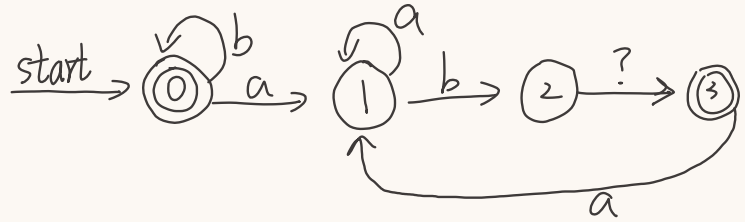
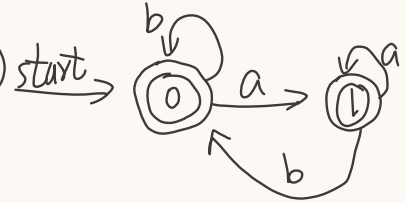
3.3.2

① 
excludeVowel
excludeVowel
excludeVowel
excludeVowel
excludeVowel
excludeVowel
start
0
1
2
3
4
5
a
e
i
o
u

② 
start
0
1
2
3
z
a
b
c
d
...

⑥

(8)



(9)