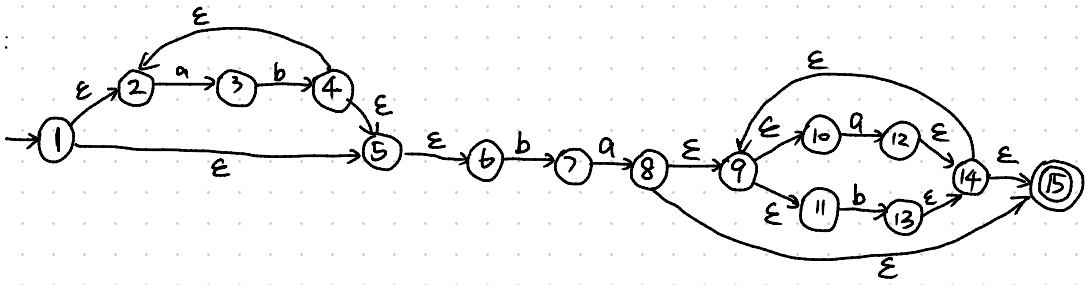
Quiz One :

$(ab)^*ba(a|b)^*$

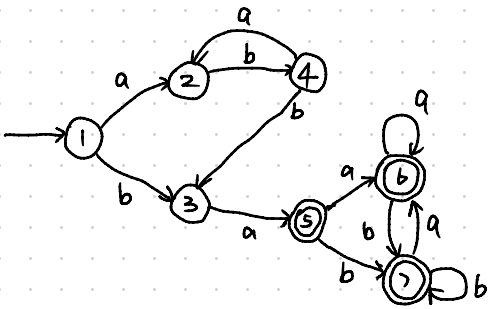
NFA :

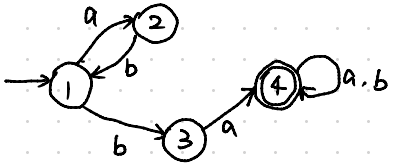


⇓

DFA :

	State	trans	a	b
0	{}	0	0	0
1	{1,2,5,6}	1	2	3
2	{3}	2	0	4
3	{7}	3	5	0
4	{2,4,5,6}	4	2	3
5	{8,9,10,11,15}	5	6	7
6	{9,10,11,12,14,15}	6	6	7
7	{9,10,11,13,14,15}	7	6	7



⇒

minimum-state DFA :