

# Assignment 8

## Automata & Theory of Computation

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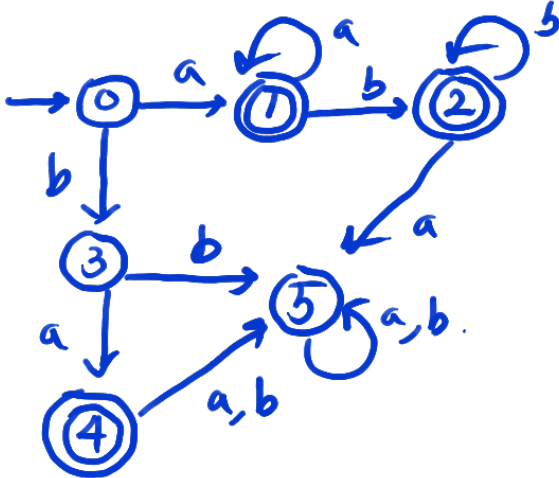
1. Draw a dfa of  $L_1/L_2$  for

$$L_1 = \{a^n b^m : n \geq 1, m \geq 0\} \cup \{ba\}$$

$$L_2 = \{b^m aa : m \geq 0\}$$

$$aa^*b^* + ba$$
$$b^*aa$$

DFA for  $L_1$



DFA for  $L_1/L_2$

