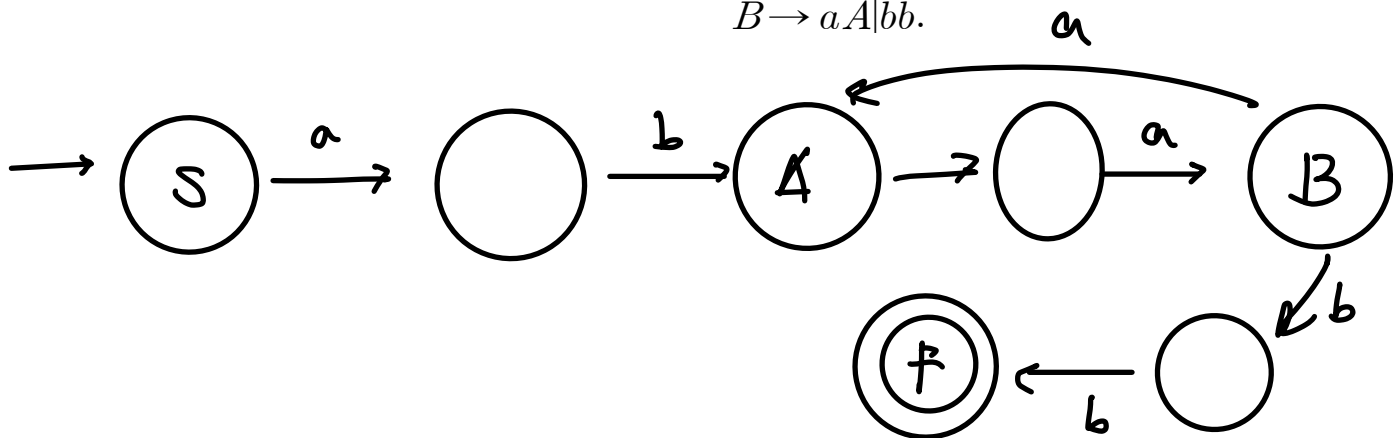# Assignment 7

Automata & Theory of Computation

Student ID: 10236~~5350~~ **Name:** 전도현

1. Construct a dfa that accepts the language generated by the grammar

$$S \rightarrow abA,$$
$$A \rightarrow baB,$$
$$B \rightarrow aA|bb.$$

2. Construct a dfa that accepts the language generated by the grammar

$$S \rightarrow abS|A,$$
$$A \rightarrow baB,$$
$$B \rightarrow aA|bb$$