Assignment 7
Automata & Theory of Computation
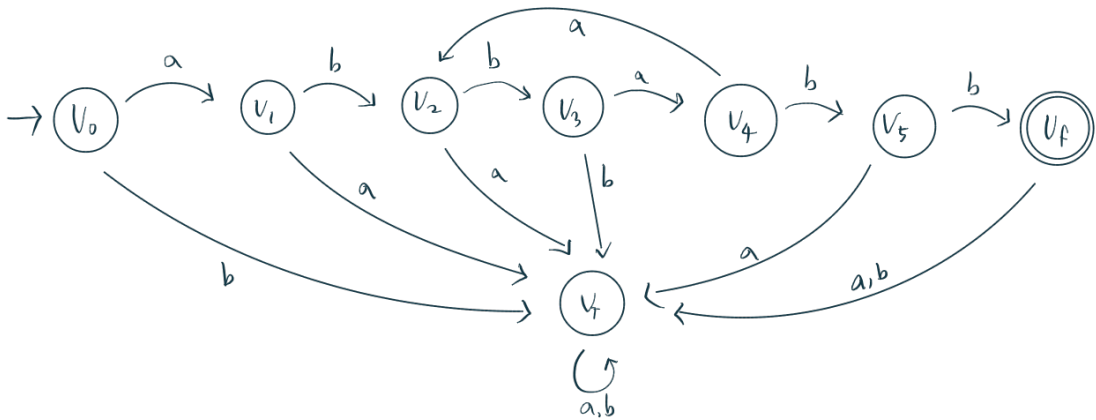
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1. Construct a dfa that accepts the language generated by the grammar

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

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

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