1. Construct a finite automaton that accepts the language generated by
the regular grammar

\[ S \rightarrow aS, \]
\[ S \rightarrow bS, \]
\[ S \rightarrow aaa, \]

where \( S \) is the start variable.

2. Find regular grammar for the language

\[ L = \{ w \in \{a, b\}^* \mid w \text{ does not end in } aa \}. \]