

1. Build the LR(1) action and goto tables for the following grammar.

1. $S \rightarrow A$
2. $A \rightarrow A \& B$
3. $A \rightarrow A \mid B$
4. $A \rightarrow B$
5. $B \rightarrow \text{false}$
6. $B \rightarrow \text{true}$