Assignment 8

Automata & Theory of Computation

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1. Draw a dfa of L_1/L_2 for

$$aa^{*}b^{*}+ba$$

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

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

$$b^{*}aa$$