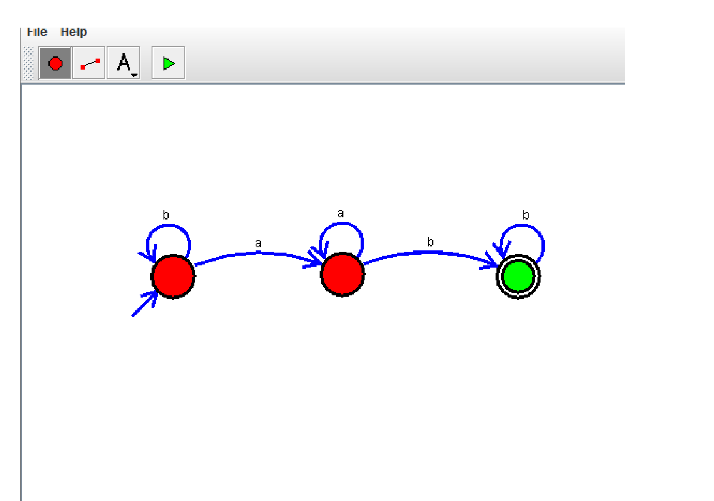
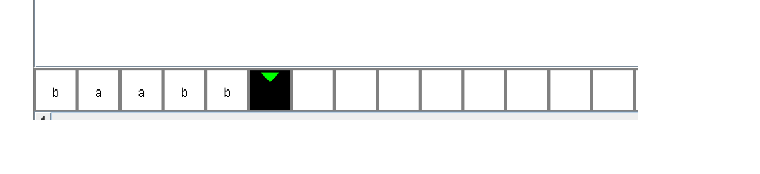
**Experiment 25**

**AIM :**

To design DFA trasition diagram in which ab is a substring in automata.

**Design and output:**

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**Result:** Thus designing DFA in which ab exists as substring is done and verified by giving sample inputs.