Program 1 5

Sample Input/output:

- 1) aqbb
- -) string accepted
- 2) abc
- -s Anvalid token
- .3)ababa
- -> string not accepted

Program 2 -

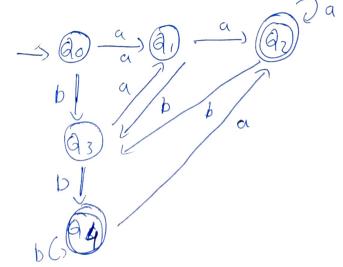
$$DFA = (Q, \Sigma, \delta, Q_0, F)$$

$$Q = \{Q_0, Q_1, Q_2, Q_3, Q_4\}$$

$$\Sigma = \{Q_1, b\}$$

$$Start state = Q_0$$

F= set of all final states = { 92,94}



sample Input loutput:

- 1) abb
- -string accepted
- z) abab
- -> string not accepted
 - 3) aqa
 - s Anvalid token