Meck-1

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CSE-C

DFA M = (Q, E, S, Qo, F)

Where

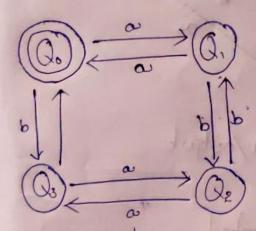
Q = Set of all States = {Qo, Q, Qe, Qe}

Z = Input Aphabet = {a, B}

Start state is Qo

F = Set of all final states = {Qo}

And the transition states ove defined in Diagram



Sample Input Output:

String accepted

2 ababa String not accepted

3. abc Invalid token PROGRAM-2 DFA = (Q, E, S, Qo, F) Q = {Q0, Q, Q2, Q3, Qu} Z = {a,b} Start state - Qo Final State = {Qz, Qu}

Sample Input output

- 1. abb String Accepted
 - 2. abab String Not Accepted
 - 3. aga Invalid token.