

Transition Graphs:
1- Finite States with atleast one initial State.

4 0 or more final states.

2- Dead end State is not required. I

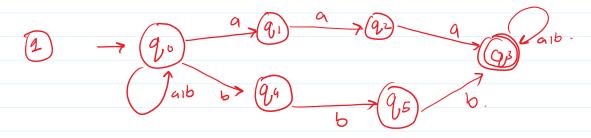
3- One letter can move to more than one state!

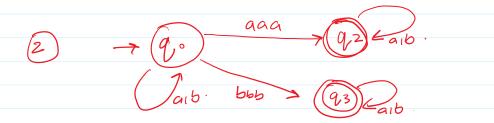
4- Can read more than one alphabet at a time I

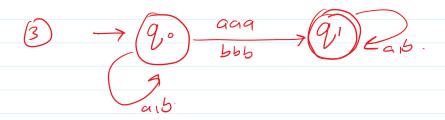
5- Ot Can accept a Null String. I

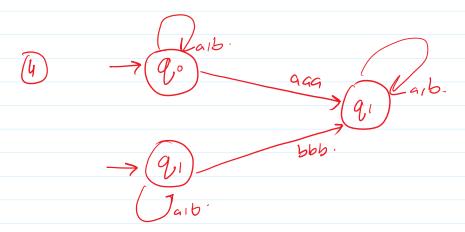
 $b^{\kappa}(a+b). \qquad \sum_{z} q_{a_1b_1}.$ $= q_{a_1b_1}ba_1bb_1, bba_1, bbb_1, --- \cdot \zeta.$ $2 \qquad q_{0} \qquad q_{1} \qquad q_{0}$ $2 \qquad q_{0} \qquad q_{0} \qquad q_{0}$ $4 \qquad q_{0} \qquad q_{0}$ $b \qquad q_{0} \qquad q_{0}$ $b \qquad q_{0} \qquad q_{0}$ $b \qquad q_{0} \qquad q_{0}$ $g_{0} \qquad g_{0} \qquad g_{0}$ $g_{0} \qquad g_{0} \qquad g_{0}$ $g_{0} \qquad g_{0} \qquad g_{0}$

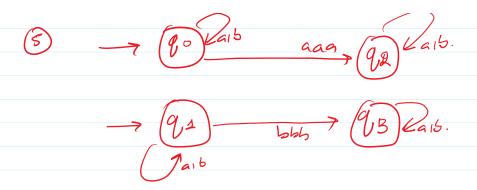


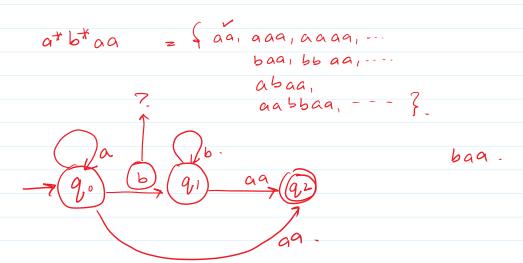


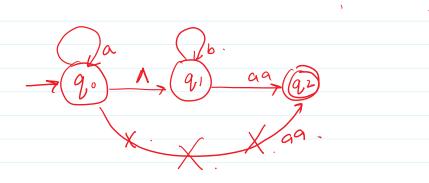






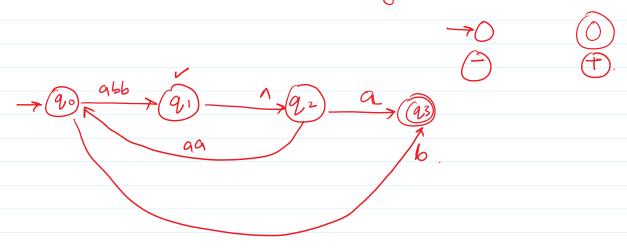






$$(0+2)^{+}$$
 00 $(0+2)^{+}$ $\Xi = \{0,1\}$.

When to accept a String.



$$\left(\begin{array}{c} abb & ab \end{array} \right) = 7$$

$$q1 q3$$

$$q2$$

Dhi2#2.
$$[4-Sep-2022]$$
.

$$((a+b)(a+b))^{*}$$
Even language.

$$(a+b)(a+b)^{*}$$

$$(a+b)(a+b)^{*}$$

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