

$AF = (Q, \Sigma, \delta, q_0, F), Q = \{q_0, q_1, q_2, q_3, q_4, q_5\}, F = \{q_5\}$

$\delta(q_0, a) = \{q_1\}$

$\delta(q_1, b) = \{q_2\}$

$\delta(q_2, c) = \{q_0\}$

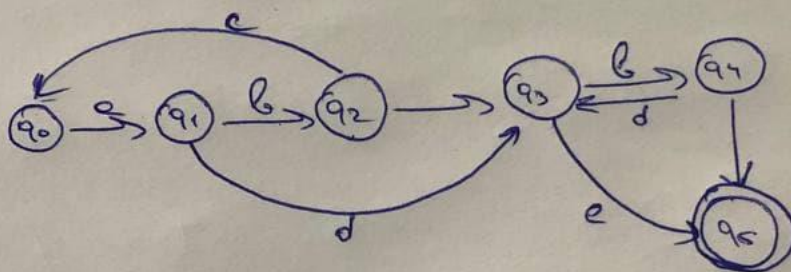
$\delta(q_1, d) = \{q_3\}$

$\delta(q_3, e) = \{q_5\}$

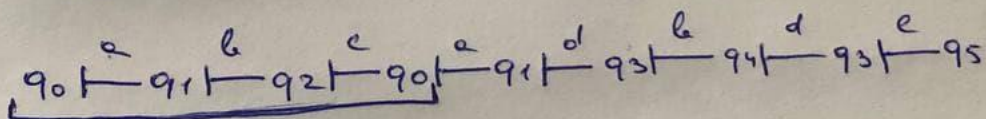
$\delta(q_3, b) = \{q_4\}$

$\delta(q_4, d) = \{q_3\}$

$z = abcadbde$



$abcaadbde$



$z \Rightarrow u = \epsilon \quad v = abc \quad w = adbde$

$n = 6 \quad |uv| \leq 6, |v| \geq 1$

try $i = 0$, merge $uw \in L \Rightarrow adbde \in L$

$i = 3 \Rightarrow abcaabcaadbde \in L$