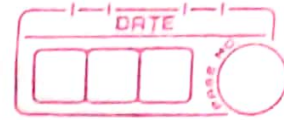


Devansh Shah

1914078

B1



Q1)

$q_0 \rightarrow$  No symbol accepting state

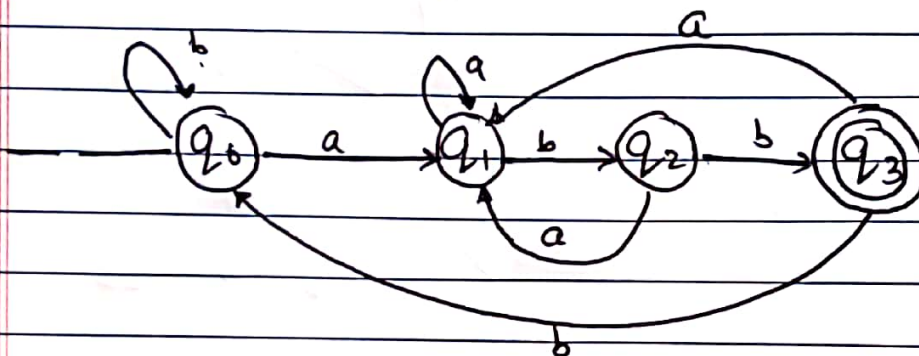
$q_1 \rightarrow$  ending with 'a'

$q_2 \rightarrow$  ending with 'ab'

$q_3 \rightarrow$  ending with 'abb'

		a	b
$\in$	$q_0$	$q_1$	$q_0$
a	$q_1$	$q_1$	$q_2$
ab	$q_2$	$q_1$	$q_3$
abb	$q_3$	$q_1$	$q_0$

$L = \{ abb, babb, aabb, aaabb, \dots \}$



Q2) Possibilities for DFA containing 010  
 $(0+1)^* 010 (0+1)^*$

