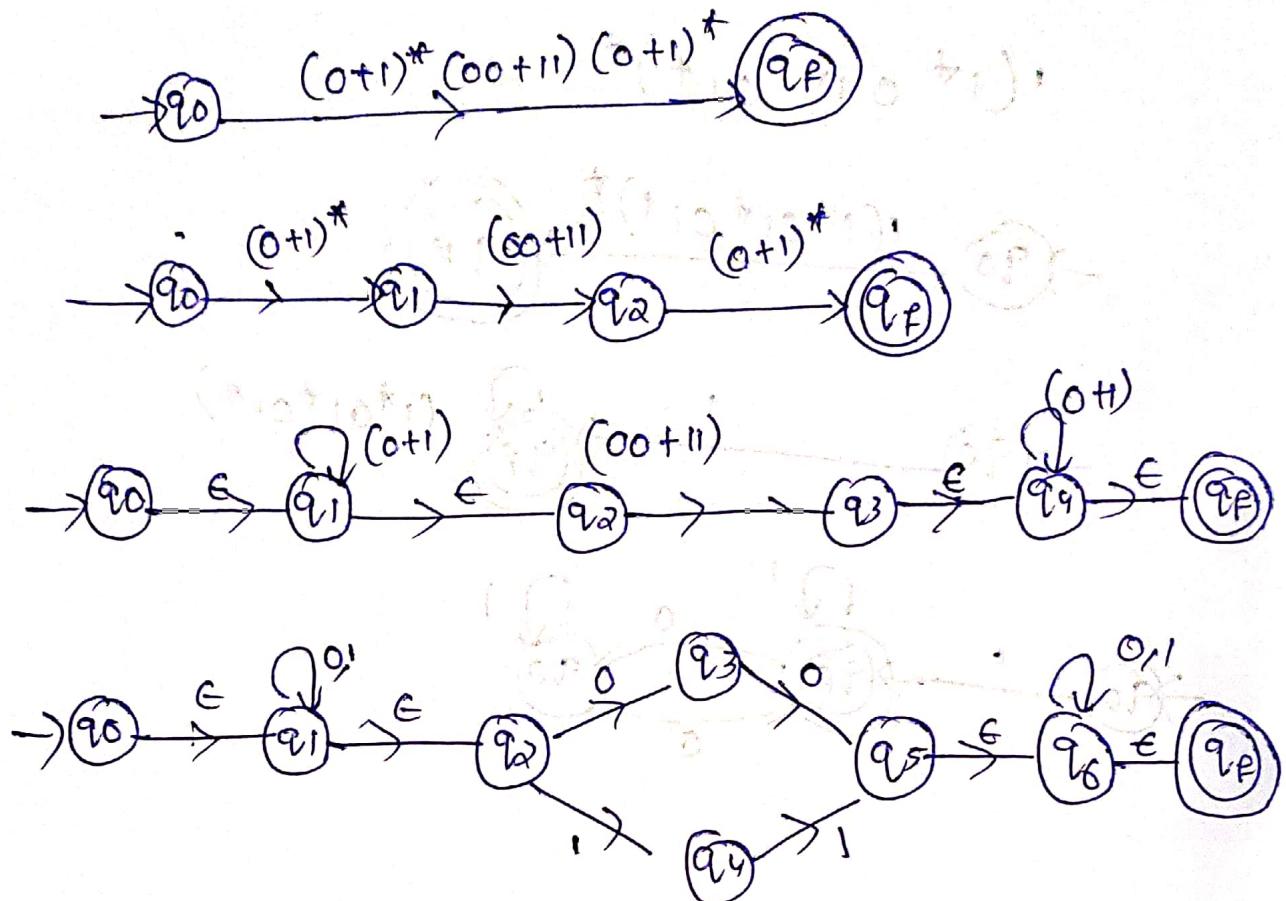
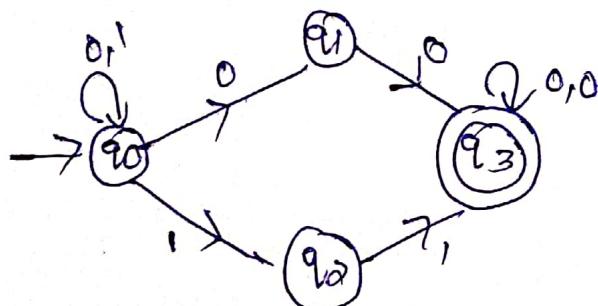


14)  $(0+1)^* (00+11) (0+1)^*$



NFA without  $\epsilon$



	0	1
$\rightarrow$	$\{q_0\}$	$\{q_0, q_1\}$
$q_1$	-	$\{q_3\}$
$q_2$	-	$\{q_3\}$
$q_3$	$\{q_3\}$	$\{q_3\}$

s	0	1
$[q_0]$	$[q_0, q_1]$	$[q_0, q_2]$
$[q_1]$	$[q_0, q_1, q_3]$	$[q_0, q_2]$
$[q_2]$	$[q_0, q_1]$	$[q_0, q_2, q_3]$
$*$ $[q_1, q_3]$	$[q_0, q_1, q_3]$	$[q_0, q_2, q_3]$
$*$ $[q_0, q_2, q_3]$	$[q_0, q_1, q_3]$	$[q_0, q_2, q_3]$

DFA

