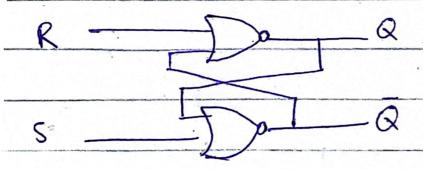
chap # 07

7-1 Latches

The S-R latch:

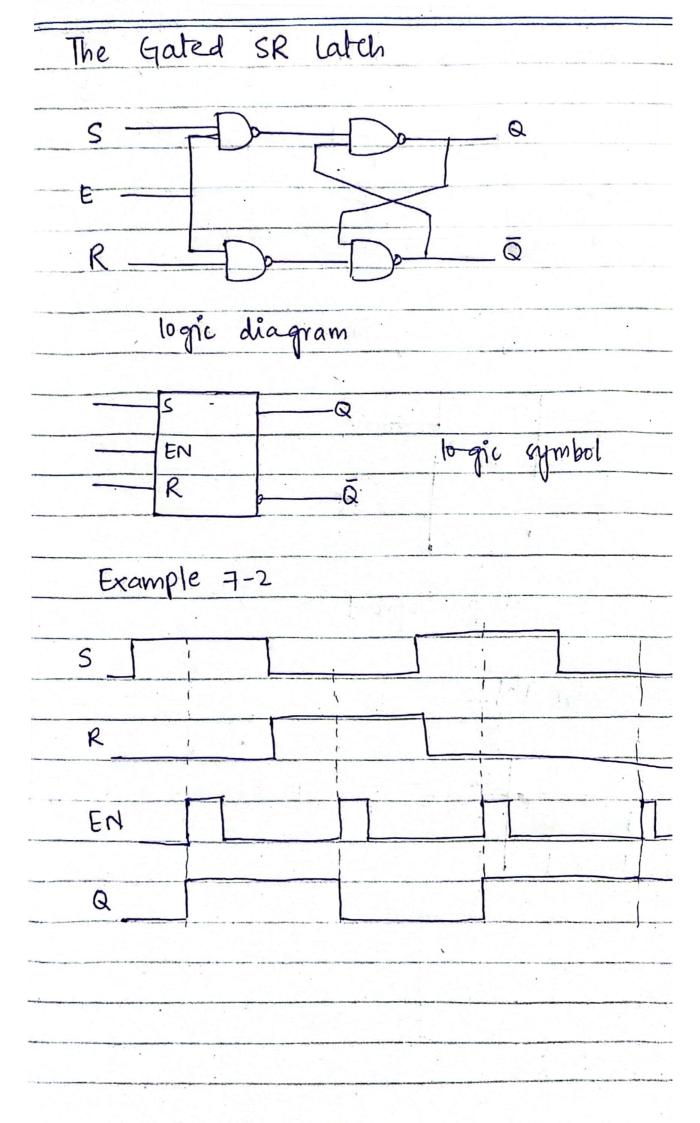


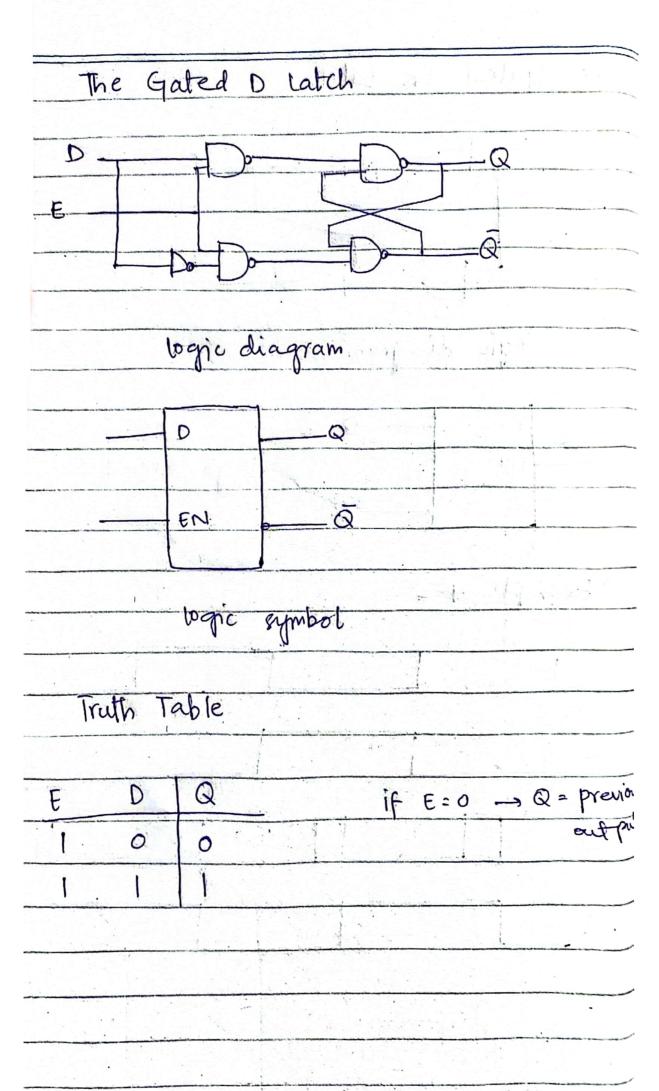
SET means Q=1 RESET means Q=0

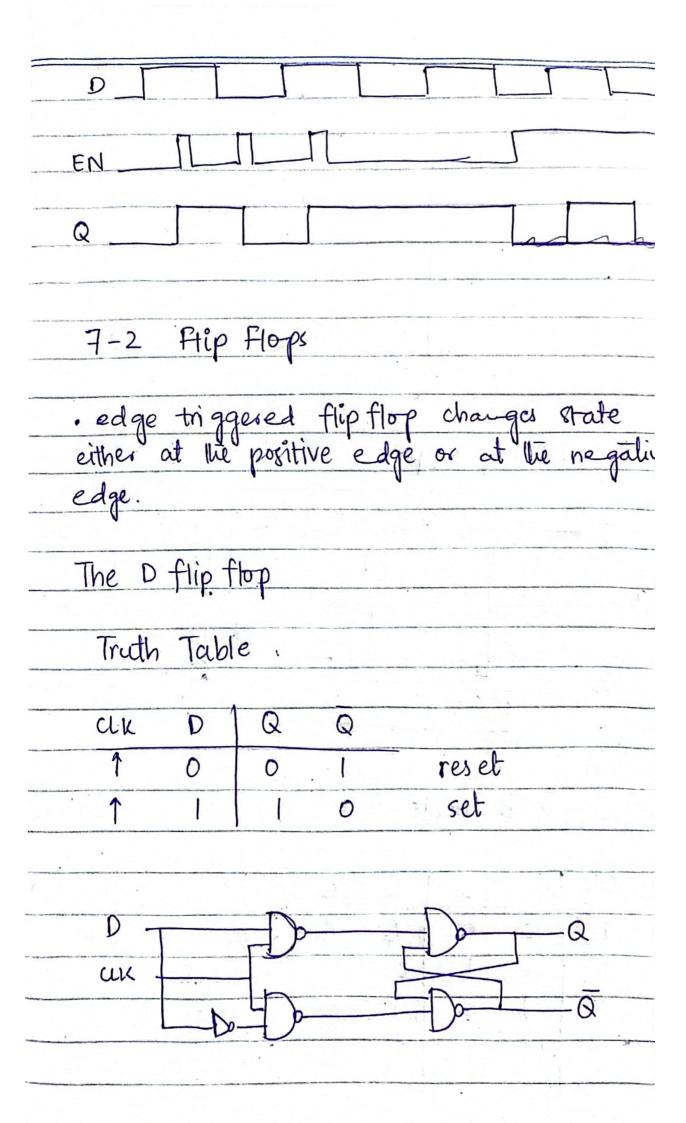
S Doma

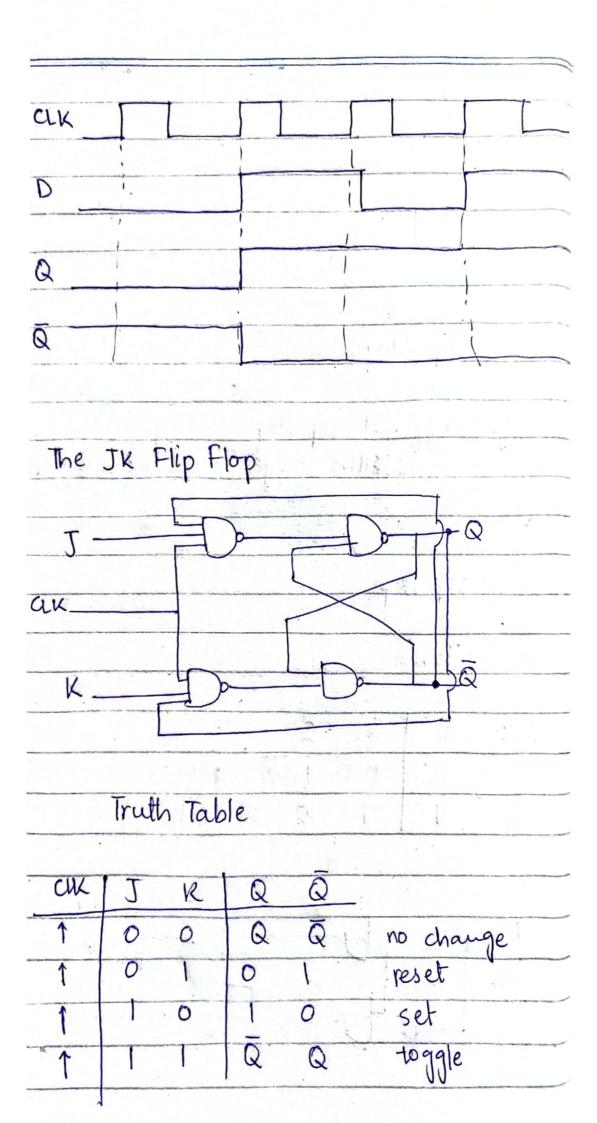
	Truth	, Tab	ole
	Š	R	QQ
	0	0	invalid
	0	t	1 0
	1	0	0 1
	1	1	no Change
•			
	S	R	QQ
	0	0	no change
	0		0 1
	1	0	1 0
	1	.1	invalid.
Example 7-1			
1-:	- (-		· · · · · · · · · · · · · · · · · · ·
S			
R			
-			
T		<u> </u>	
Q]			

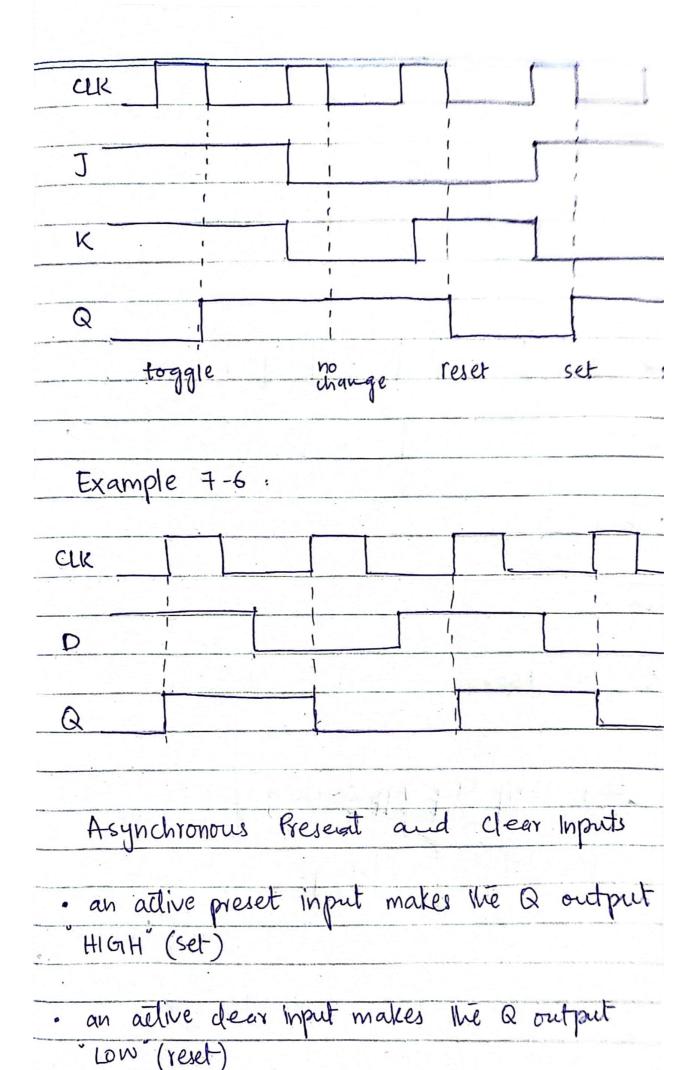
•

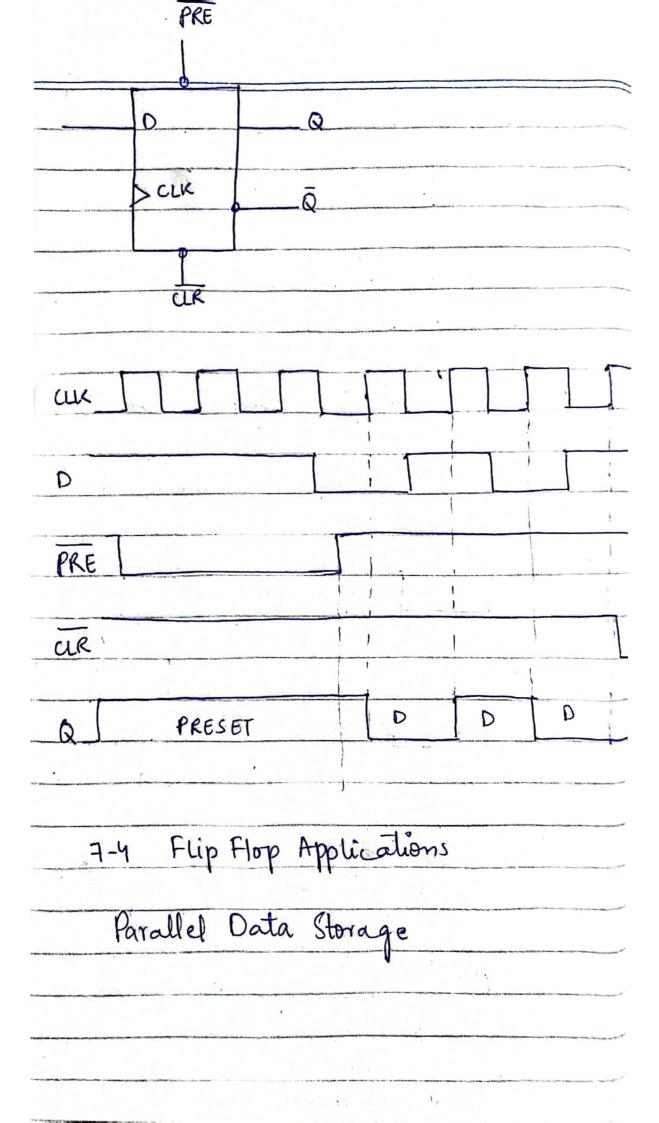


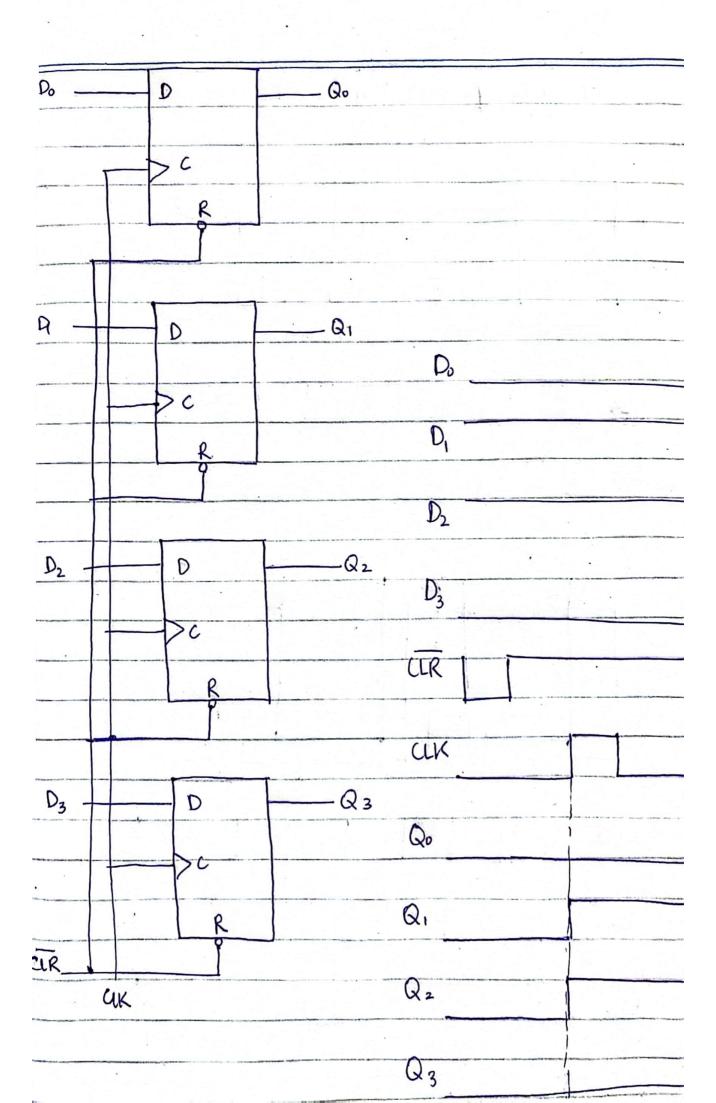


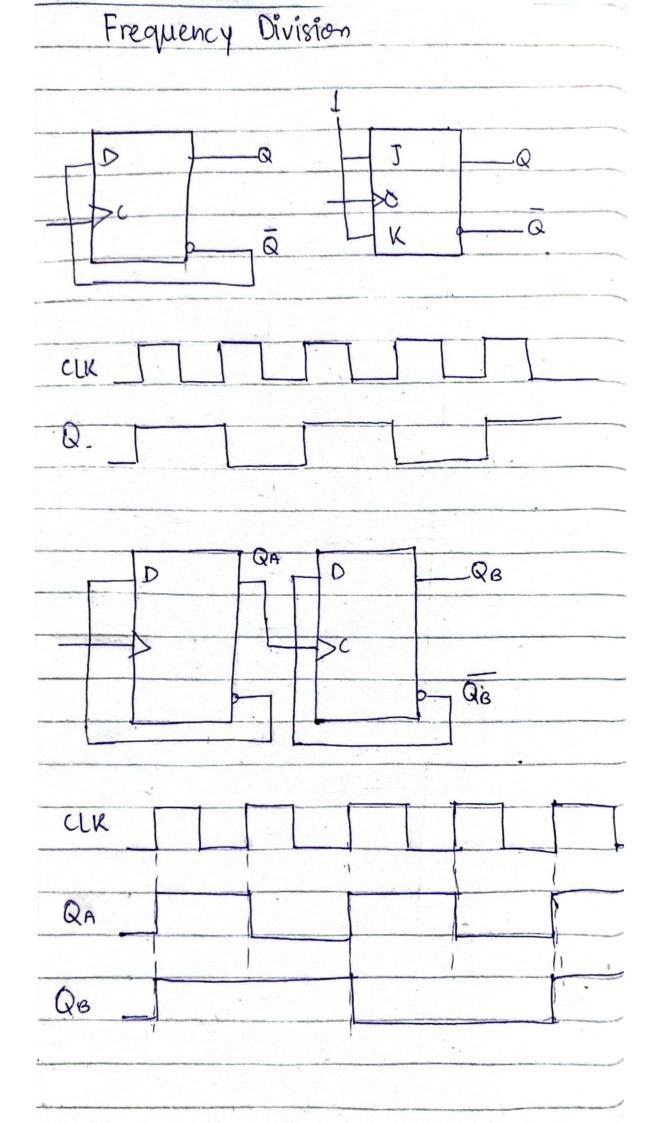












Develop the fout waveform. QA D QB QA Qu Qg CLK QA QB