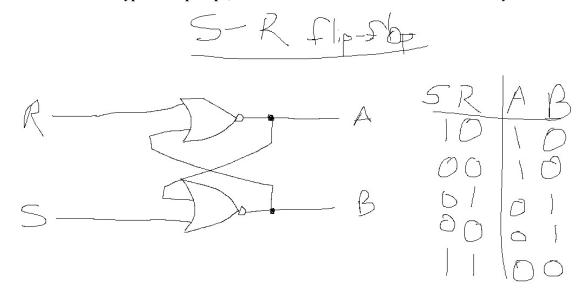
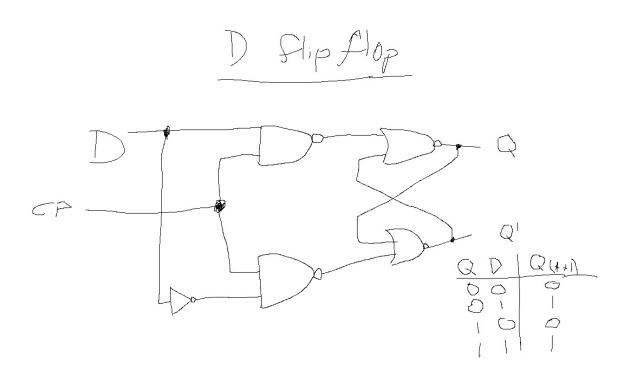
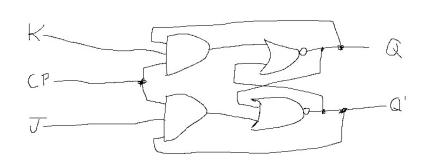
1. List the four basic types of flip-flops, draw their circuits and their truth table by hand.



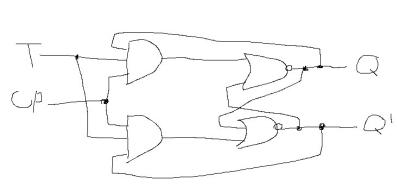


U-K Slipflap



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0	1		
G	I	1	
\	0	\bigcirc	
			0
,		\bigcirc	
		1	10

T flip flop



2. Find out the cost per megabyte of memory of

- a) SRAM
 - ~\$5 per megabyte
- b) DRAM
 - ~\$0.02 per megabyte
- c) Flash memory
 - \sim \$0.004 per megabyte
- d) Hard drive
 - \sim \$0.00002 per megabyte

3. Draw a 4x1 MUX circuit and its truth table.

