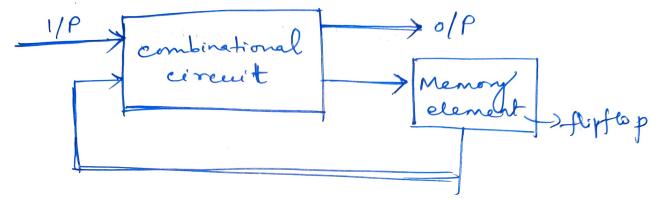
## SEQUENTIAL circuit:

- present output depends on present input as well as poevious output.



types of sequential circuit:

1) Asynchronous: 0/P changes at any instance of time.

There is no clock.

- veed in LATCHES.
- I) Synchronous: 0/4 changes only on clock
  pulse.

   used in Flip flop.

LATCHES: S-set (Q=1) R-reset (Q=0) \* SR latch using NOR gate: x y F 0 if either 1/P=1 than 0/1=0 else 0/P=1 R KO

