

Digital design (A)

Task 1

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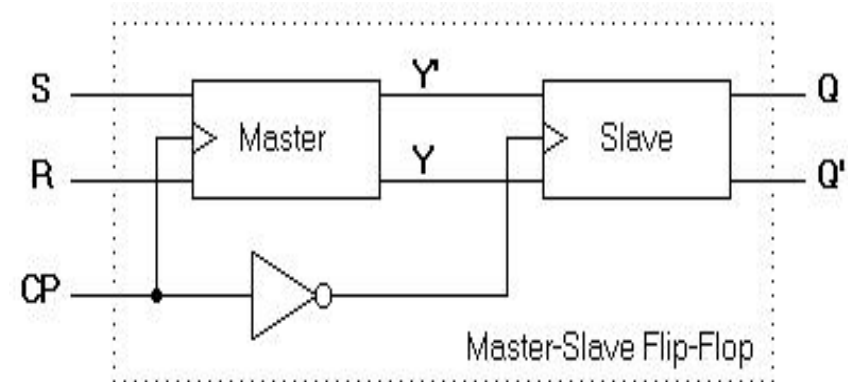
-Last triggering methods for flip-flops

Master-slave flip-flops:

construction:

-This type of flip-flops is constructed with two flip-flops first one called master and second one called slave.

-Master is a positive edge trigger and slave is a negative edge trigger.



How it works?

- Actually when positive edge comes input values will be stored in memory and output will not appear until negative edge comes.
- And here is an example for master-slave RS flip-flop:

