

SOS Report

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1 Sequential Circuits

- A sequential logic circuit is one whose outputs depend not only on its current inputs, but also on past sequence of inputs, possibly arbitrarily far back in time.
- So obviously we cannot make a table as in combinational circuit to describe the behaviour of a sequential circuit.
- The memory elements in sequential circuits can be implemented using flip-flops, which are circuits that store binary values and maintain their state even when the inputs change.

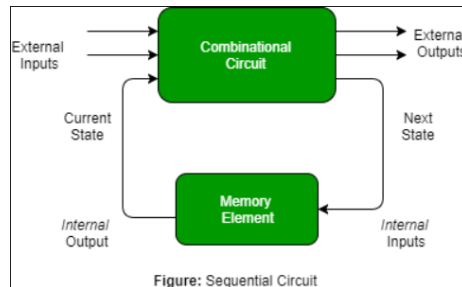


Figure 1: General Working of Sequential circuits