* Combinational logic:
  + A digital logic circuit in which logical decisions are made based only on combintions of the inputs.
    - E.g. an adder
* Sequential logic
  + A circuit in which decisions are made based on the combinations of the current inputs as well as the past history of inputs.
    - Eg. A memory unit
* Finite state machine:
  + A circuit which has an internal state, and whose outputs are functions of both current inputs and its internal state.
    - E.g. a vending machine controller.

CMOS: Combined Metallic Oxide Semi-Conductor

NAND is “Universal” :

every function can be expressed with NAND