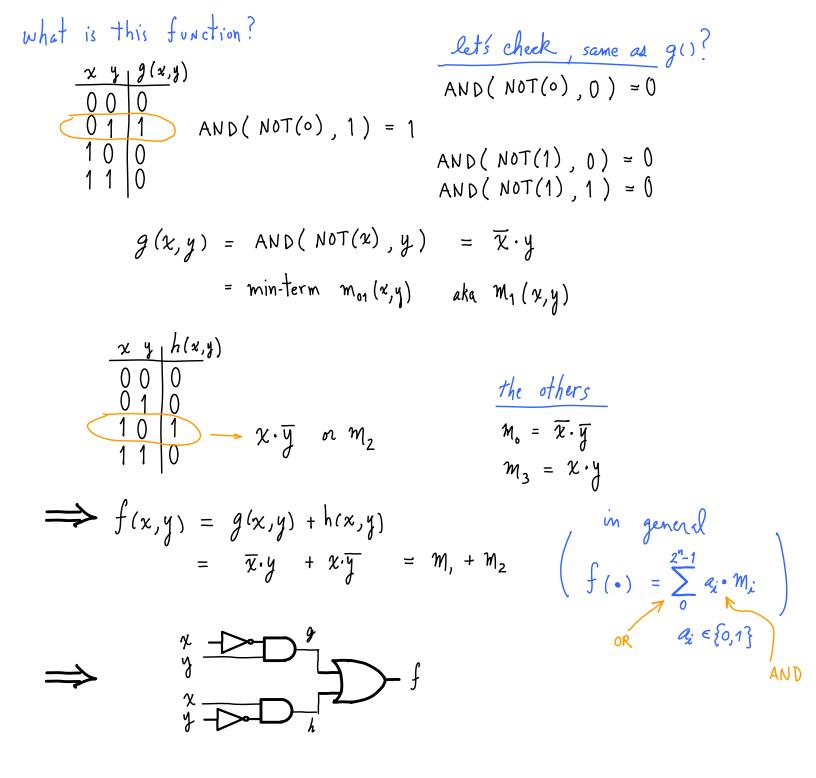
Digital Logic
Digital Logic
- Boolean functions

$$f: \{0,1\}^{n} \rightarrow \{0,1\}$$

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$$f: \{0,1\}^{n} \rightarrow \{0,1\}^{n} \rightarrow$$



This "minterm expansion" method can be extended to boolean functions of any number of arguments (*n*-ary functions):

Any *n*-ary logic function can be built as an OR of minterms.

Minterms are n-input ANDs of variables or their negations.