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Logic gate And Boolean equation

- Fundamental gate
 - Complex gate
 - Universal gate

Fundamental gate

- ❑ AND gate : Output 1 when two input are 1
- ❑ OR gate : Output 1 when any one input is 1
- ❑ NOT gate : Output 1 if input 0, Output 0 if input 1

Complex gate

XOR Gate :Output 1 if any one input is 1

XNOR gate : Output 1 if two inputs are same

Universal gate

It is a special gate that implement all fundamental gate as usual. They are

1. NAND gate
2. NOR gate

THANK YOU