# Logic Gates.

Let’s examine the processing of the following six types of gates

1. NOT
2. AND
3. OR
4. XOR
5. NAND
6. NOR

A NOT gate accepts one input value and produces one output value An AND gate accepts two input signals. If the two input values are both 0, the output value is 0; otherwise, the output is 1 The NAND and NOR gates are essentially the opposite of the AND and OR gates, respectively. the difference between the XOR gate and the OR gate they differ only in one input situation