

# Operations Performed by ALU

**1. Arithmetic Operators:** It refers to bit subtraction and addition, despite the fact that it does multiplication and division. Multiplication and division processes, on the other hand, are more expensive to do. Addition can be used in place of multiplication, while subtraction can be used in place of division.

**2. Bit-Shifting Operators:** involves shifting the location of a bit to the right or left by a particular number of places. It is responsible for a multiplication operation.

**3. Logical Operations:** These consist of AND, OR, XOR, NOT