**Type of Operators:**

It can be divided into 6 types:

1. Arithmetic Operators
2. Comparison Operators
3. Logical Operators
4. Assignment Operators
5. Identity Operators
6. Membership Operators
7. Bitwise Operators
8. **Arithmetic Operators**

**Uses**

Addition : 1+2=3

Subtraction : 3-1=2

Multiplication : 2\*1=2

Division : 4/2=2

Exponentiation : 2\*\*10= 210 (use for write a power value)

Modulus : 3%2=1 (use to mind remjnder)

Floor division : 8//3=2 (use to find quotient)

1. **Comparison Operators**
2. **Logical Operators**
3. **Assignment Operators**

* . Assignment operators is used to assign the value to variable
* A=6 is a simple assignment operator that assigns the value 6 on the right to the variable a on the left.

1. **Identity Operators**

Identity operators are used to compare items to see if they are the same object with the same memory address.

Types:

1. Is
2. Is not

**Example:**

a = 1234

b = “1234” Output:

print(a is b) False (one is interger and another

one is string)

1. **Membership Operators**

Example:

A = “hello”

Print( p in a) output:

False (becoz p doesn’t lies on a)

1. **Bitwise Operators**