3.Expalin the different types of operators in python language?

Python Operators:

Arithmetic operators:

Arithmetic operators are used to perform mathematical operations like addition, subtraction, multiplication and division.

Relational Operators:

Relational operators compares the values. It either returns True or False according to the condition.

Logical operators:

Logical operators perform Logical AND, Logical OR and Logical NOT operations.

Bitwise operators:

Bitwise operators acts on bits and performs bit by bit operation.

Assignment operators:

Assignment operators are used to assign values to the variables.

Special operators: There are some special type of operators like-

Identity operators:

The identity operators both are used to check if two values are located on the same part of the memory. Two variables that are equal does not imply that they are identical.

Membership operators:

The membership operators; used to test whether a value or variable is in a sequence.