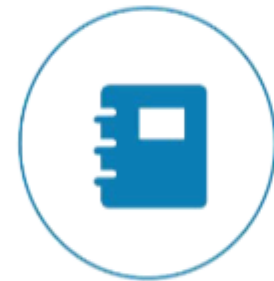# Operators

- In JavaScript, operators are used for performing several operations.

- Operators can be used to assign values, compare values and perform arithmetic operations.

- The commonly used operators of JavaScript are classified into four categories.

1. Arithmetic Operators

3. Comparison Operators

Operators

2. Assignment Operators

4. Logical Operators

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Arithmetic Operators

- Arithmetic operators are used to perform arithmetic operations.

- In JavaScript, the operators that are used to perform such tasks are as follows:

Operator Name	Description
+	It is used to perform the addition of two or more variables
-	It is used to perform subtraction of two or more variables
*	It is used to perform multiplication of two or more variables
/	It is used to perform the division of two variables
%	It is used to find modulus (or remainder) of the division
++	It is used to perform the increment on the number
--	It is used to perform the decrement on the number

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Assignment Operators

- Arithmetic operators are used to assign values to the variables.

- In JavaScript, the operators that are used to perform such tasks are as follows:

Operator Name	Description
=	It is used to assign any value directly to the variable e.g., x = y
+=	It is used to increment the value and assign it to the variable e.g., x=x+1
-=	It is used to decrement the value and assign it to the variable e.g., x=x-1
*=	It is used to multiply the value and assign it to the variable e.g., x=x*1
/=	It is used to divide the two number and assign it to the variable e.g., x=x/1
%=	It is used to calculate the modulus of two numbers and assign it to the variable, e.g., x=x%1

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Comparison Operators

- Comparison operators are used to compare the two values.

- These operators will always return a Boolean value.

- In JavaScript, the operators that are used to perform tasks are as follows:

Operator Name	Description
==	It is used to compare whether the two values are equal
===	It is used to compare whether the two values and their data types are equal
!=	It is used to compare whether the two values are not equal
!==	It is used to compare whether the two values and their data types are not equal
>	It is used to check whether first value is greater than other
<	It is used to check whether first value is lesser than other
>=	It is used to check whether first value is equal or greater than other
<=	It is used to check whether first value is equal to or less than other

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