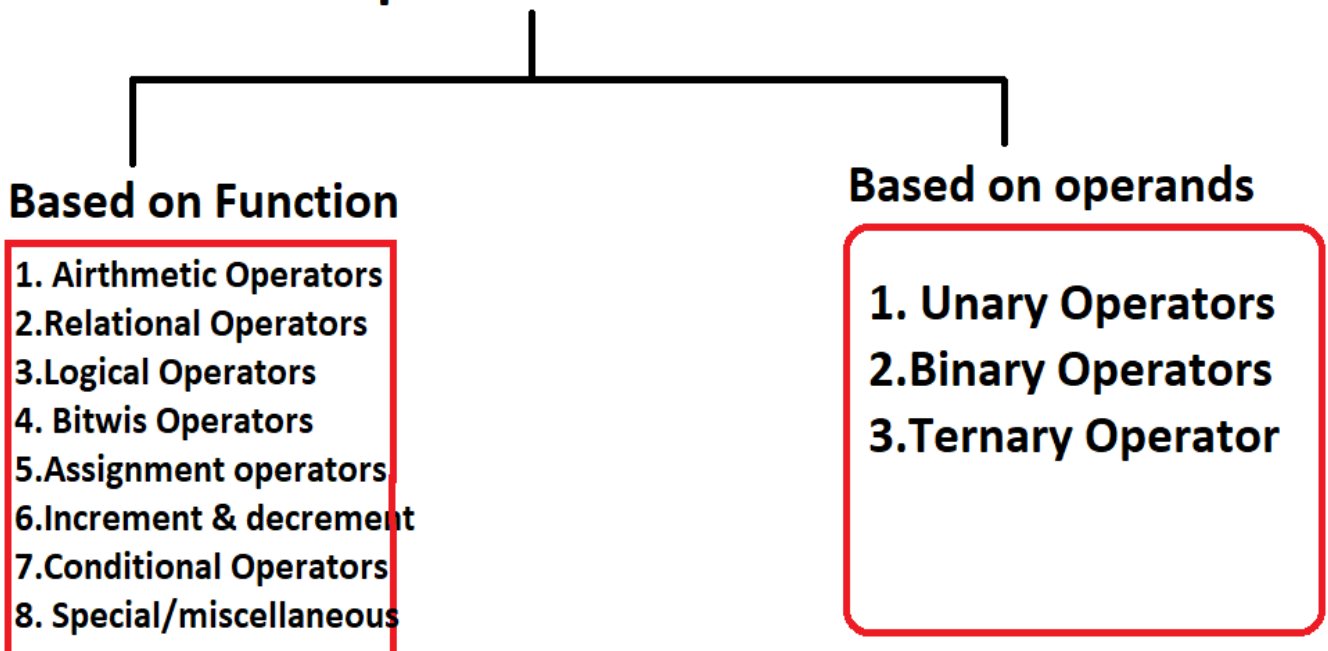




## Operators in C++

### Operators in c++



### ➤ Based on Operands

There are three categories of operators in C++, these are-

- 1. Unary Operators**
- 2. Binary Operators**
- 3. Ternary Operators**

# Operators in C

	Operator	Type
Unary operator	++, --	Unary operator
Binary operator	+, -, *, /, %	Arithmetic operator
	<, <=, >, >=, ==, !=	Relational operator
	&&,   , !	Logical operator
	&,  , <<, >>, ~, ^	Bitwise operator
	=, +=, -=, *=, /=, %=	Assignment operator
Ternary operator	?:	Ternary or conditional operator

## 1. Unary Operators

The operators that operate a single operand to form an expression are known as unary operator. The operators like ++ (increment) operator, -- (decrement) operator etc. are the part of unary operators.

**Ex → ++a, b--,....etc**

## 2. Binary Operators

The operators that operate two or more operands are known as binary operators. The operators like +, -, \*, /, % etc are binary operators.

**Ex → a+b, a-b, a\*b, a/b etc**

## 3. Ternary Operators

The operator that operates minimum or maximum three operands is known as ternary operator. there is only one ternary operator available in C++. The operator ?: is the only available ternary operator i.e used as a substitute of if-else statement.

**Ex → a>b?a:b**

<<	insertion operator
>>	extraction operator
::	scope resolution operator
::*	pointer to member declarator
*	pointer to member operator
.*	pointer to member operator
Delete	memory release operator
endl	line feed operator
New	memory allocation operator
setw	field width operator

=====HIRA KUMAR=====