

# Video 21

## Introduction to Operators in C

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### >> Arithmetic Operator

+	Addition
-	Subtraction
*	Multiplication
/	Division
%	Modulus

### >> Increment / Decrement Operator

++	Increment
--	Decrement

### >> Relational Operator

==	Equal to
!=	Not equal to
<=	Less than or equal to
>=	Greater than or equal to
<	Less than
>	Greater than

### >> Logical Operator

&&	AND
	OR
!	NOT

## >> Bitwise Operator

<b>&amp;</b>	<b>Bitwise AND</b>
<b>^</b>	<b>Bitwise XOR</b>
<b> </b>	<b>Bitwise OR</b>
<b>~</b>	<b>Bitwise NOT</b>
<b>&gt;&gt;</b>	<b>Bitwise Left Shift</b>
<b>&lt;&lt;</b>	<b>Bitwise Right Shift</b>

## >> Assignment Operator

<b>+=</b>	<b>First Addition then Assignment</b>
<b>-=</b>	<b>First Subtraction then Assignment</b>
<b>*=</b>	<b>First Multiplication then Assignment</b>
<b>/=</b>	<b>First Division then Assignment</b>
<b>%=</b>	<b>First Modulus then Assignment</b>
<b>&lt;&lt;=</b>	<b>First Left Shift then Assignment</b>
<b>&gt;&gt;=</b>	<b>First Right Shift then Assignment</b>
<b>&amp;=</b>	<b>First Bitwise AND then Assignment</b>
<b> =</b>	<b>First Bitwise OR then Assignment</b>
<b>^=</b>	<b>First Bitwise XOR then Assignment</b>
<b>=</b>	<b>Assignment</b>

## >> Other Operators

<b>?:</b>	<b>Conditional</b>
<b>&amp;</b>	<b>Address</b>
<b>*</b>	<b>Pointer</b>
<b>sizeof()</b>	<b>Size of function</b>