

## (Video 21) Introduction to Operators in C

### 1) Arithmetic Operators

$+$ ,  $-$ ,  $*$ ,  $/$ ,  $\%$

### 2) Increment/Decrement Operators

$++$ ,  $--$

### 3) Relational Operators

$==$ ,  $!=$ ,  $<=$ ,  $>=$ ,  $<$ ,  $>$

### 4) Logical Operators

$\&\&$

$\&\&$

$\&\&$

$\&\&$

$\&\&$

$\&\&$

$\&\&$

### 5) Bitwise Operators

$\&$   
Bitwise  
And

$\wedge$   
Bitwise  
XOR

$|$   
Bitwise  
OR

$\sim$   
Bitwise  
1's complement

$\gg$   
Right  
shift

$\ll$   
Left  
shift

## 6) Assignment Operators

~~$=$   $+=$   $-=$   $*=$   $/=$   $\%=$   
 $\ll=$   $\gg=$   $\&=$   $\wedge=$   $\mid=$~~

## 7) Other Operators

$?:$	$\&$	$*$	$\text{sizeof}()$
Conditional Operators	Address of operators	pointer	

Common  
operators.