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operator

A + B

operands

Uniary operators :-

e.g. +A, -A, !A etc.

Binary operators :-

e.g. A+B, A-B, A*B etc.

Terenary Operator :-

condition ? expr1 : expr2

e.g.

```
int a = 10;
int b = 20;
int c;
c = a > b ? a : b;
```

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Arithmetic Operators :-

```
int a=10,b=3,c,d,e,f,g;
c = a + b;   /* c will be 13 */
d = a - b;   /* d will be 7 */
e = a / b;   /* e will be 3 */
f = a * b;   /* f will be 30 */
g = a % b;   /* g will be 1
                (reminder) */
```

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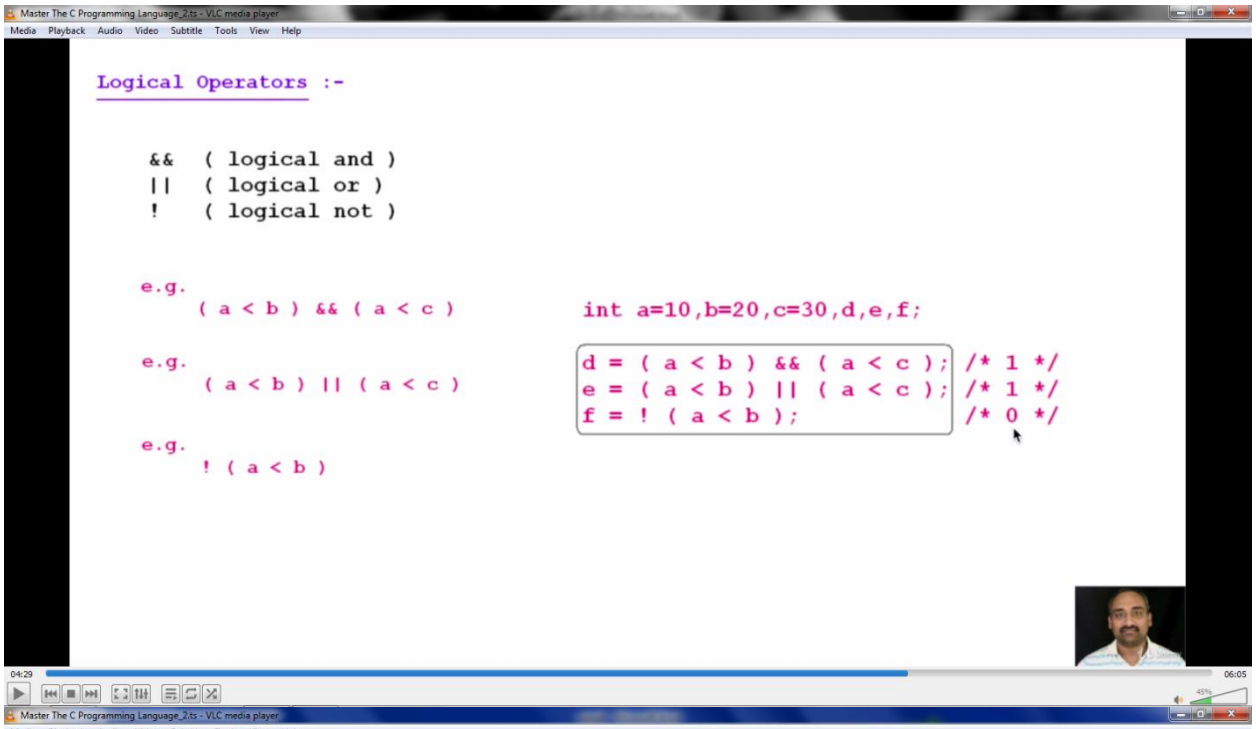
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Logical Operators :-
&& (logical and)
|| (logical or)
! (logical not)
e.g.
(a < b) && (a < c)
e.g.
(a < b) || (a < c)
e.g.
! (a < b)
int a=10,b=20,c=30,d,e,f;
d = (a < b) && (a < c); /* 1 */
e = (a < b) || (a < c); /* 1 */
f = ! (a < b); /* 0 */
04:29
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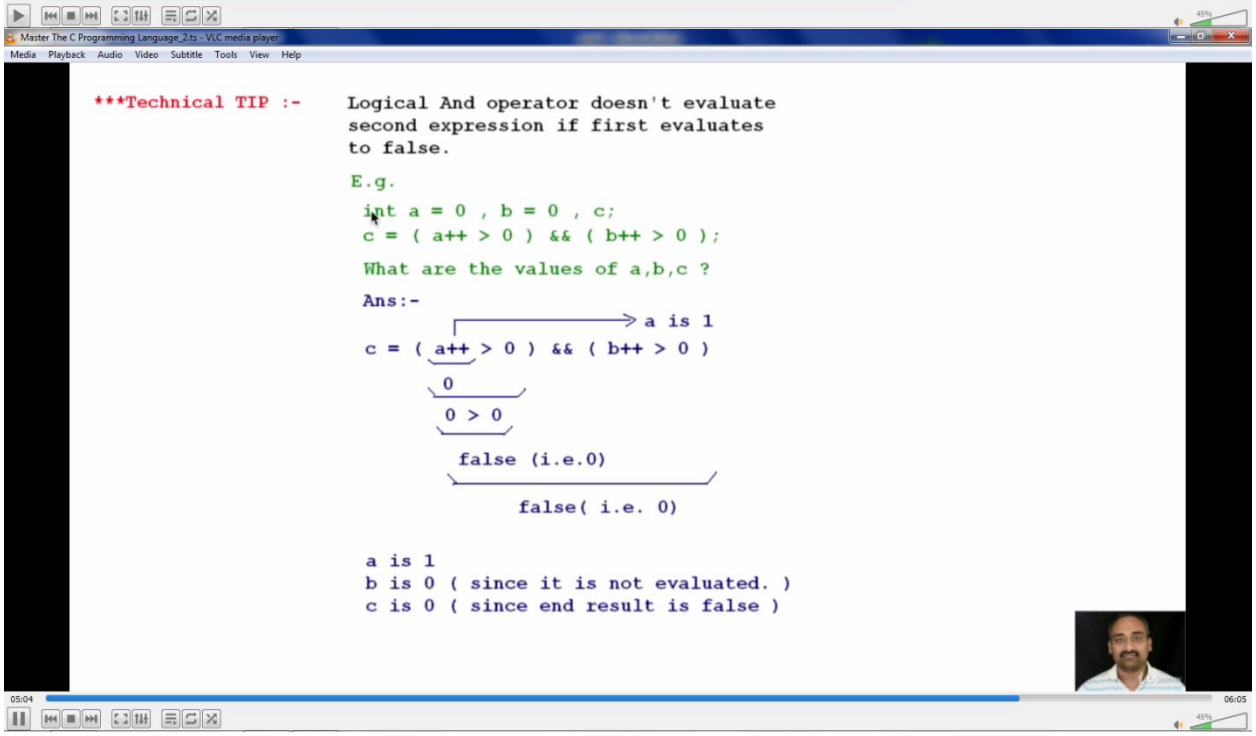
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***Technical TIP :-
Logical And operator doesn't evaluate second expression if first evaluates to false.
E.g.
int a = 0 , b = 0 , c;
c = (a++ > 0) && (b++ > 0);
What are the values of a,b,c ?
Ans:-
a is 1
c = (a++ > 0) && (b++ > 0)
0
0 > 0
false (i.e.0)
false(i.e. 0)
a is 1
b is 0 (since it is not evaluated.)
c is 0 (since end result is false)
05:04
06:05