Agenda

Thursday, May 11, 2023 8:13 AM

Comma operator Bitwise operators typedef enum switch .. case loop

1. Multiple C Expressions can be separated using comma operator

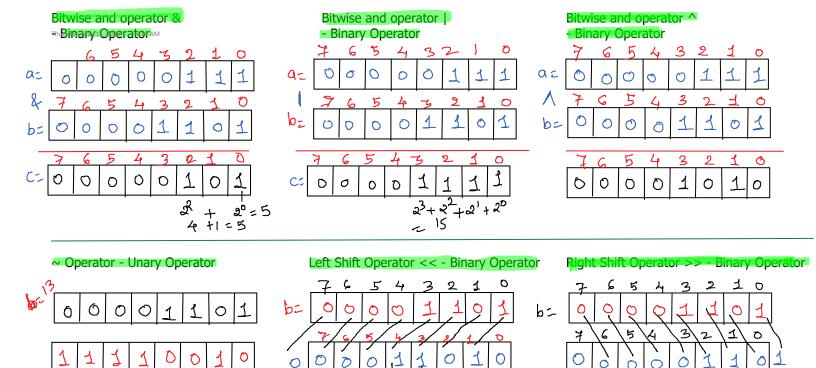
When comma operator is in use with precedence following both rules will be applied:

- 1. Each expression which is separated comma to be evaluated from left to right
- 2. Result of right most expression will be associated at sequence point

printf("%d %d %d", a=10, a=2, a); //here in function call comma is used to separate list of argument //here above rule are not applicable

++x, y++, x=10, y=1; //in this expression we are using comma operator //here comma is not with precedence hence rule no. 2 is not applicable

(++x, y++, x=10, y=1); //in this expression we are using comma operator //in this expression comma is used with precedence hence both rules are applicable



13 2=6

Steps to apply bitwise operation on negative number

- 1. Find binary of positive number
- 2. Apply 1's compliment i.e. invert/toggle each bit
- 3. Apply 2's compliment i.e. add 1 in specific binary
- 4. Process bitwise operation as per operator
- 5. Apply 1's compliment i.e. invert/toggle each bit
- 6. Apply 2's compliment i.e. add 1 in specific binary
- 7. Finally find decimal value of binary number which you have received after process and consider it as negative number