DECREMENT OPERATOR :

Decrement operator decrements value of variable by 1 & stores the result in the same variable Decrement operator can be specified as prefix or postfix to a variable which will be known predecrement or postfix to a variable which will be known as postdecrement.

When it is decrement operator when it is used in independent variable it will just decrement value of variable by 1 & store the result in the same variable. But when it is used as predecrement first it will decrement value of variable by one & then it will be used in the arithmatic expression (decrement & then use) similarly when it is used as post decrement first value of the variable will be used in arithmatic expression & then it will be decremented by (1) (use & then decrement)

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--a

prefix (predecrement)

a-- → prefix (predecrement)

Ex x=x-1; or x-1=1; x --x;

x--;

x	y	z
8	5	6

predecrement

z=--x+y; (1) → 2 → --x; z=x+y;

7 5 12