```
- Increment And Decrement Operators in C!-
-> Increment operator in c:-
Syntax:-
  11 AS PREFIX
 ++ m
                                         7 = 1 4 /2/
 // AS
      POSTFIX
                           where on is variable.
 mtt
 1. Pre - in crement:
-> Also known as prefix increment, the value is
  incremented first according to the precedence
  and then less priority options are done.
  result = ++ var L
   The above expression can be expanded as!
    Var = vart1;
    result = var;
2. Post - increment :-
-> The increment operations is performed after all
   the other operations are done. It is also known
    as postfix increment.
   result = varl ++;
   The above expression is equivalent;
   result = var;
                                distance sifes
```

C! war, some offer!

var = Yar+1;

```
Ixc program to illustrate the increment of both
      types */
                           -: Dar Adalogo tarminat 6
#tinclude(stdio.h>
void increment ()
                                     医生生性原生
 <
    int a=5;
                                     MAG POSTIJA
   int b = 5;
    11 PREFIX
                                   I. Pie - in crement -
    printfli Pretix / Increment: % d \n " pretix);
     1/POSTFIX principle object pool
     int postfix = 6++;
     printf ("Postfix Increment: %d", postfix);
                                     I I HAVE BEEN
                                       10 V 1 11,123 Y
  110 river code
                                  2. Post - increment:
   int main ()
  The informent operations is performed ofthe DIL
   The other operations are done in Thompsoni.
     return 0;
                             as pastilix incomment
                                   1 4 1 1 motor - 11,0291
                 The allowe expression is equipment
   Output!-
                                     CHOW " Thinks.
    Prefix Increment:6
            Incre ment! 5
    Postfix
```

```
* The post-increment have higher precedence
   that pre-increment as it is postfix operator
   while pre-increment comes in unary operator
-> Decrement operator in C:-
Syntax:-
 11 AS PREFIX
 --m
 //AS POSTFIX
                       where m is variable
 m--
12. Pre-Decrement operator!
The pre-decrement operator decreases the value of the
 variable immediately when encontered. It is also
 known as prefix decrement.
                                xif(209 ") flows
 result = -- m;
 which can be expanded to
 m= m-1;
                                     shal myn yn
 result m;
```

27. Post decrement operator:
In this case, the decrement operation is performed after all the other operators are evaluated.

result = m --;

The above expression can be expanded as;-

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result = mys sor plot grant thomson i men toug sat 4
 m= m=1 upto siftery if it is the morning up south
HC program to illustrate the decrement operator
  of both types */
                        -10 oi sotorado insmisso C. 5
# include <stdio.h>
void decrement ()
                                        KENSAT BAY
  int a=s;
   int 6=5;
                                        KLAINSA MYSS
   11 PREFIXME IN IN JUST JUST THE
 Tint prefix = --a;
 print ("Pretix = % od \n", "Pretix); tonomono on the
    Mariable immediately who encentured. ItTTEPIN
    int pastfix = 6--; Inamous b xiting to nowong
    print[" Postfix = 1/0 d", postfix);
                          not keeping on our minu
 11 Oriver code
                                            to there
 int main()
                         -: row rado tooman to trast. YS
 In this case the decrement operation themoras one
                      chorado Jaylo ayl. Ho Julio
    return 0/
   Output!
              to them give how cointrigled great our
   Prefix =4
    Postfix = 5
```

```
* Swap two number without
37 # include(stdio.h)
                            using 3rd variable.
  int main ()
    int 0,6;
    Printf (" Please enter any number: ");
    Scanf ("%d", &a);
    printf (" Please enter any number: ");
    Scanf ("%d", &b); 1 1 1 1 1 1 5 (1) 5 (0)
    Q = 9+6;
                         sani tor 6 (took tou) = rew
    a = a - 6 ;
                     Print I may is sad , may !;
    a = a - 6;
    printf ("After swapping, the numbers are "od "od", a, b);
    return o;
                                 KA CIMI - Studgell-
   entitle and
                    (the tri) was an entered and the
            Conditional operator:-
    Syntax:-
                cond 2 ?_:
                              (cond 3 ?_: _; )
  ser to it is and it is an analy
 38. # include (stdio. h)
                         * find greatest among
  int main ()
                  > (i = + i sm > i T + i m = + +
     printf ("Enter three no.:");
     scanf ("%d%d %d", 80,86,8c);
     d= (a76) ? a7c?a:c: 6>c?b:c;
     print (" max is %,d", d);
```