```
LP:02 (week 3) [Infixt Postfix Prefix expression.
# include < stdio.h>
# include ( String h)
# include < process.h>
 int F (chas symbol)
   Switch (Symbol)
    Care '+': return 2;
Care '+': return 2;
    Case 1/1: return 4;
    Care '1': 51 21 65+ 21 06 - 1000+1
    case si: return 5;
     case 'C': return 0; of a root;
      Case '#1: return -1;
      COOP +
     default : return 8; 1012
 2
   int G (chas Symbol)
     Switch (Symbol)
         case 1+1:
         Case '-1: return 1;
Coure 1x1:
          Case 'l': return 3;
          Coure 1 11:
          Case 151: return 6;
Case 1 (1: return 9;
Case 1): return 0;
          Colore
           default: return 7;
```

```
void infix_postfix (chas infix [], chau postfix
     chas S[30], Symbol;
     top = -1;
      S[++top]= '#';
      j=0;
     for (izo; i < Strlen (infix); i++)
       Symbol = infix [i];
while (F(S[top])> G(Symbol))
      postfix [j] = s [top--];
     if (F(S[top])! = G(Symbol)
     S[++ top ] = - symbol;
     else
      top --;
                   + 40- XAA
     while + (S Etop ] 1=1#1) 000
        postfix [j++] = s[top--];
     postfix [j]= 101;
  Void main ()
     chas infix [20];
      chas postfix [20];
       Clasca ();
```

printf ("enter the valid infix expressionly)
· Co. ( (u) 1 C" in Lix):
C C C C DOTT
mint (" the night fix exp is mi);
printf ("1.8 \n", postfix);  printf ("1.8 \n", postfix);
20+Ch (): 15 - [ 90+4+1]
get ch ();
(++1, (x; Ani) nà 1 d2 > 1,50-i) ref
11 Conversion from in fix to post TIX
((a))(CA+(B-C) *D) 12 E+F) of inter
→ ABC-D*+EAF+
(b) MAYAZ-M+N+PIQ 1++1
-> xyz M-N+PQ/+
(c) (((a+b) + c - (d-e)) 1 (f+g)
$\Rightarrow ab+c+defq+1++12$
(a) (A+(B-C)+D)
$\rightarrow$ ABC-D*+
(e) anb*c-d+e/f/q(q+h)
$\Rightarrow$ ab1c*d-eflgh+l+
1-901 10 ment int [] XIA 12092
10/1-[]-xil-1200
Carosire bisy
Jost with ion
ANTILL DOLLAR