```
Postfix = ABC*DEF^/G*-H*+
Process returned 0 (0x0)
                                                                                                 execution time : 55.971 s
Press any key to continue.
                                                                                                                                                                       2() mison to
                                       06/10
                                  WAP to convert agiven valid parenthesized infix arithmetic expression to Postfix expression. The expression concerts of the expression of and
                                  pression consists of single character operands and the binary operators + (plus), minus, + multiply and / divide.
                                                                                  M TO WAR
                                 #include < stdio.h>
                               # include < c. type > # define size 50
                                    int top = -1; (1) = [++3] x 11 +207
                                        Void push (char element)
                                                    Stack [++ top] = element;
4 × + ME
       2-POLL
                                                       ( ') = ( إولاد ( إولاد ( إولاد ) عالم المالاد ( المالاد ) عالم المالاد ( المالاد ) المالاد ال
                                          Char POP () { god
                                                    return Stack [top--]; = trans19
                                         Haint
                                                     if (Symbol = = 'AN')
                                      ([194] 193 19 8 8 3) = 1 [ fot] asors) slinked
                                                       else it (Symbol = 1 +1 II Symbol = '/')
                                                                         return(2(,) 909 = [++ 3] xig +209
                                                                                                                               (KS) HZN)
                                                        else it (Symbol = '+' 11 Symbol = '-')

Freturn 1;
                                                                                                                    108= [++ 4] x $15.49
                                                                                                      10/1 = [3] KD FOR .
                                            · (xg 120 feturn 0; = xit red ry") frances
```

Enter the Infix expression: $A+(B*C-(D/E^F)*G)*H$

```
output the In
int main () {
                                                    Postbix = Al
 Char infix [50], Postfix [50], Ch, element c. symbol
 Int i = 0 , K = 0 ;
 Printf ("Enter the expression");
get ? (" " 495", infix); push ('#')
 Fluite (i=0; i < strienting x); i++)

((ch = infix (i++ ))! = '\0')
    it (ch= '(') }
                       # include c C. type > # dagna size 50
        Push (ch);
    else if (is alnum (unsigned charz) ch)) for
        Post fix [k++] = ch;
     else is (CL= 1): ) for [ ++ top] = [ 101 ++ ] Si
          While (Stack [top] ! = 'C')
               Post fix [x++] = pop(); 199 000
           Clement = Pop().
           ( void) element; (podmy? sous) 19 TH
                        (Ap' = & tod mys) fi
    e ise s
     while (Stack [to]] ! = '(' & & pr (Stack [top])
  The man 7 Pr (ch) poly 2) of said
        POST 51x[x++]= POP();
      Push (ch):
  while (stack [top] != '#')
     POSTEX [K++] = POP();

POST FIX [K]= 10';
    printf ('InPost tix = 7.5 m), Postox);
    return o'
```

