```
Infix to Postfix
# Include (stdio.h)
# mclude < stirng. h>
# define SIZE 160
char stack [MAX], postfix [MAX], infix [MAX];
Int top==12 ([200] 1005) nonpound 8 to (1 b) to
void push (char symbol); (lading) sinsborrage
                    : Begurhs - (++!) x3 fract
char popl);
mt precedence (char symbol); (Reday) dust
int is Emply ();
void display ();
                          dant. pastir [j+7]. symbol;
void m to Post ();
mt main() of
                   Infix exprinion"); je (pajmis à 1)
     printf ("Entil
     gets (infix);
                                   : Cogulas - Lite Triff
     mroPost();
                                      1:017-11/00
     display ();
     retumo;
                                    & ( requires rays) y
 void Into Rost ()
                                       (topny) = Symbol)
    ont i=0, j=0;
    Char Symbol, next;
     for (i < streen (m(ix); i++) 1
                                  Chol- State [ top)
        Symbol= Infix [i];
        switch (symboi) {
            care 'c': push (symbol);
                   while ((next=pop())!=0){
                   break',
```

```
Care '+';
                                                 2401632) 1
          Care '- ';
                                                 (4 profits)
          Case 'x';
          care /":
           cas'n'; [Rain] & Har, [X BM] x [ From, [X BM] 100
             of (1 is Empty 1) 4 & Precendence (Stack [top]) >=
                    precedence (symbol) { lodge 1013
                positix (j++) = symbol;
                                                     ( ) pl gm
                                    e (lodings (ont)) symbol);
               push (symbol);
          break;
default: postfix [j++] = symbol;
                                                    र ( ) (ज्ञोत्रज्ञ
                                                  in to Past (1)
                                                        ( ) ( ) ( )
     while (1 is Empty()){
                                           x1908 1102, 3 / pa
       postfix [j+17 = symbol;
postfix [j]='10';
                                                    (年時期 ) 的
                                                    ( () testel);
                                                     (A (us)
                                                     (qual)
   void puch (char symbol) {
      top++;
                                                   1 ( ) ( 109) of ne
      Stalk [top] = Symbol;
                                                 1=0 = 1 0=1
                                              Germany in
  charpopl) f
                                     Char nut = Stack [top];
                                       Elisabet a tolling
                                          1 (Jaduary 3) 1) 11013
      return next;
                               (popular) yeard : , ), sing
and is Empty () of
     return top == = = 1) . ((1909, -1,000) aline
ant price dence (chan Esymbol)
     cone'n': return 3;
cone'n': cone'x': return 2;
```

case + 1: case - : return 1; g: Enter Infix exp. clefault: returno; 44-9+6 #2 447-62++ (dilbis) Diplimi void display () { for (not i=0; i < strlen (postfix); i+1) { printf ("/e", postfix [i]), mit data; Stratt woods frank; id print Pater (Strutt neecle + heart)

111/1 = = 120211 / 12

Enter infix expression: 224+12-8*6/11 22412+86*11/-

Process returned 0 (0x0) execution time: 13.106 s Press any key to continue.