```
#indude < stdio. h>
  # include < storing h >
  int F (char symbol) q
         scutch ( Symbol) &
         Case 4
        case (-): return 2;
        case '* !
        case 11: return 4;
        case 'n';
        case '$': return 5;
        case ( (' : returno;
        case (#): return -1;
       default: returns 8;
int G (char symbol) {
     switch (symbol) {
         case '-1: return 1;
         case '*!
        case 1/1: return 3;
        case '$': return 6;
       case ! (!: return 9;
       case 1) : return o;
      default : return 7;
```

```
void infix_ postfix ( char & infix[], char postfix[])s
         int top,i,j;
       char & [30]; symbol;
      top =-1;
      &[+++0P] = 1#1.
     1=0:
   for (i=0; ic strlen (infix); i++){
           symbol = infix [i];
      cuhile (F(&[top]) > G (symbol)){
              pastfix[j]= s[top--];
     if (F(s[top])!=G(symbol)) {
              5 [top ] ++] = symbol;
     3 the Sp
      while (8[top] != 1#1){
           Postfi 2 [j++]= 8[top --];
      postfix [1] = 101;
```

void main () &

char infix [20], postfix [20];
trinty (" Entera valid infix expression: \( \mathbb{n}' \);
sconf ("% 8", infix);
infix - postfix (infix, postfix);
printy (" The postfix expression is: \( \mathbb{n}'' \);
print f ("%8", postfix);

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