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05/10/20
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  LAB- PROGRAM: 2
@ WAP to convert a given valid parentlesized inter anthretic
   expression to postex expression. The expression consists of
   single character operands and the binary operations + (plus),
   - (minus), * (multiply) and 1 (divide).
  Hinclude < stdio. h >
  # nelude esting. h >
  #inelude cconio. hs
     int F (char symbol)
      switch (symbol)
       case '+1:
       Case '- ' : retorn 2;
       case '+':
       Case 1/ : return 4 ;
        Case 'n' :
        case '4': relum 5; ((lalaps) 2) al ((gof) 2) 4)
        case '(' : retorn 0;
        case '#' : return -1;
       default: return 8;
    int G (char symbol)
        Case '- 1: reform 1;
        Case 1 * 1 :
        Case '/ : retorn 3 ;
        case 'n':
       Case '$': selvon 6;
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case 'c': solom 9;
     ") ': rebro 0;
detault: return 7;
void ankx-postfix (char infix [], char postfix[])
 ( int top, ?, j;
    char ([30], symbol;
     top = -1;
    1 th' = (got++ ]2
 for ( 100; estrler (infox); i++)
    symbol = infex Ci);
  whole (F(stop)) > G(symbol))
   of postfix[j] = s[top -- ];
   of (F (s[top]) != G (symbol))
     S[++top] = symbol;
      top -- ;
 b while (sttop)! = '#')
     postfix (j++) = s(+op--);
     Postfix[] = 101;
    void main ()
    char infix (20);
    char postfex [20];
 printf (" Enter the valid into expression (n");
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Scanf (". 1. s", ", nfex);
 enlex-posthix (enlix, posthix);
Printt (" the positive exp is (n");
 printf (" fs In", postfix);
  getch();
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