LAB-2 PROGRAM WAP to convert a given valid express parenthesized infix anithmetic expression to postfix expression.

The expression consists of single character operations

operands and the binary operations

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+ (plus), - (minus), * (multiply) and/(divide) #include (statio.h> # include < string. h> #include < stallib.h > int F (chan symbol) switch (symbol) case'+': case '- ': return 2; case *: case '/': return 4; case' 1: case '\$': returns; case '(': returns; case '#': returns; default : return 8; int G (chan symbol)

{

switch (symbol)

{ case '+': case '- 1: return 1;

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case '*'
  case'/': return 3;
   case '(': return 9; case ')': return 0;
   default : return 7;
void infix - postfix (chan infix[], chan postfix[])
   #05[++ top] =
```

chan postfix [20];

shan postfix [20];

printf ("Enter the valid infix expression");

scanf ("/s", infix);

infix - postfix (infix, postfix);

printf ("The postfix expression is \n");

printf ("/s\n", postfix);