programment a given radial parasthesized infix arithmetic wife to cornect a given radial parasthesized infix arithmetic expression to partie expression. The expression consists of single expression approaches and the binary operators +, -, \*, / #include estate.h> of include establish? # include Estring. h. 7 int F(when Aymbol) § witch (symbol) ? con '+'; ion -: retur 2; rate "x"; was 11: return 4; LOLE 'A' : case \$1: return 5; rate ( : return 0; case '#': return -1; default: return ?; int G ( where symbol) { switch (symbol) \$ ease '+': case 1-1: raturn 1; sof '\*" case 1: return 3; NOVE 'A'; non s': return 6; rase "(": return 9; cose ")"; geturn 0;

default: return 7;

```
world infix-postfix ( chat infix [ ) }
char s[30] postfire [30];
that symbol;
top = - 1;
5[++ lop] - '#';
4 = 0;
for (i=0; i'=stelen (infix); i++) ?
  symbol = infix (c);
  while (F(s[top)) > G(symbol)) ?
     postfix [j] = 5[top--];
   if (F(s[top])! = 9(symbol))?
    5[++tq] = symbol;
  3 top --;
while (s[top]!='#')?
  postfix [j++] = S [top -- ];
 postfix [j] = ' \0'; printf ("The postfix expression is \n");
puts (postfix);
int main ()
4 char exp[30];
    print ("Enter an expression: \n");
   gets (exp);
    infix-postfix (exp);
 return 0;
```