```
int percedence (char eymbol)
    else if (symbol == '* ' 11 symbol == '/')
   else if (symbol == '+' 11 symbol == '-')
void infix To Postfix (char infix[], char postfix ()
     int i=0 j=0;
     choa symbol, temp:
     while ((eymbol = infix (i++) )= (105)+
      if (symbol == '(')
         push (symbol);
         else if (isalnum (symbol))
             poetfix [j++] = symbol;
        else if (symbol == ')')
            while (stack (top] != '(')
          postfisi[j++] = pop ();
           temp = pop ();
      else
           while (precedence (stack (top))> = precedence (symbol))
                 postfix [j++] = pop();
          puch (eymbol)
```

while (stack[top] != '#')

postfix [j++] = pop();

postfix [j] = '10'; it mais () char infix [MAX], postfix [MAX]; printf ("Exter a infix expression: \n"); searl ("%s", infix); infix to Postfix (infix, postfixe); printf ("The poetfine expression Output: The postfix expression

91	Evaluating the postfix expression
2)	crattating the position
	±, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
	#include < stdio. h>
	# include < atalib.h >
	# define MAX_SIZE 100 Sharpy
	int stack [MAX_SIZE];
	int top = -1;
	void push (int item)
	7
	if (top >= MAX_SIZE -1)
	print ("Stack overflow");
	top ++;
	stack [top] = (item je 2 h nigo 2) + 10)
	}
	() any = lety mags
	int pop () : () gray : ! Larrason
	f (bordays 1 Librus
	if(top = = -1)
bush is	haley + & printf ("Stark underflow");
Arrel I	harite = 1 seturn -1; these is also
A . C . 1	have into item = state[top];
. 11	touttop - himmy sucht and the
	seturn item;
	1 (thurse) Long
	int is operator (char symbol)
- 11	2 . I . Torresonance . Indexes
	if (symbol == '+' 11 symbol == '-' 11 symbol == '*' (1 symbol == '1)
	return 1:
	return 0;

•	on [MAX_SIZE];
printf (exter	postfin expression " In");
scarf ("1.5",	expression);
	evaluate (expression)
printf ("Result	= "d In", result),
return 0;	Comment of the second
}	<u> </u>
	4 Alexa 103
output :	or bottom of A adams Al relatification
	expression , Course
12 * 3 4 * +5-	(1-x+14 = = = 10)
ereult = 9	e (surfferne) illuda
	I - is a rough of is 1 - = is thought it sale
	O- end - head
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	Crown < track II 1- = - Institute
	the contract Laborer
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	and a second
	the true = low
	++ lb.id
	Carrie Trafili
	The second of land
	1 1