```
MAP to convert a given volid Portuguer, intic astumatic expression to post fix
- reggion the expression courses and single character and perade but binary operator ( Plus, - (minus), & onutipely)
 reasion the expression consits of or
# include & stdlib h>
# include & string. ho
 in+ Prec (clear c)
   if ((== 'N)
        setuon 3;
   elre ib(( == '/' || (== '*')
         return 2.
  else if ( c == '+'11 (== '-')
         return 1;
   elge
      11 PORTURNO -11508 909 8 11 209 11
  Char appociontivity (char c)
     if ((=='\n')
       return 'R';
     return 'L'
   void infixToPortfix(const chasts)
     int len = stolen(s);
     Char * result = (cliar *) malloc(lenti);
     char + stack = (charx) malloc (len);
     int result Index = 0'
      int stack Index = -1'
      if (! result !!! Stack)
          point ("memory allocation tabled in)
```

```
return:
for Cint i=osicten ; i+t)
  Char C=SCI): [ Delication of the
 ib((c>='a' }} C(='z')'11(c>='A' }} C(='z') 11
   (C>=10, $$ C (=10,))
      Desul [resultIndex+]=C;
   2
   erce : ((==)(')())
     1 (9x3) x3+2010 (x1)ni
       Stack[++stack Index]=C;
    else if ((== 1))
      while (stack Index >= 0 R& Stack [stack Index)
                         Tracuaing () = 1(1)
       result [result Index + ] = stack [stack Index-]
       Stack Index -- :
   else ?
      LeliLe Cstack Index >= 0 77 (Prec(c) < prec(stack [
             Stack Index ] ) II ( Prec (c) == Prec (stack [ stack
             Index]) == 'L')))
        repult [regult Index++] = stack[stack Index-]
    Stack[++stackIndex]=C'
```

	(Market)			
	Execut [resultIndex++] = stack [stack Index-]			
	3			
	result [result Index] = (10')			
	point ("Y. SIn", vexult);			
11 (18)	free (result)			
	free (Stack)) 10 10 10 10 10 10 10 10 10 10 10 10 10			
	9			
int mod n (2) for thurs of thurs of				
	char exp[] = "a+b* (c1d-e)1(f+g*h)-			
	infixTopogyfix (exp); scomp			
	3 School D; School char expression Scount ("" Pelling			
	3 scorn + ("1/25", & char)			
Seer.	('('=')) 8: .3823			
Sec	Old Exploration			
Obstant	Dipan - forxivxi-			
(')'	States Cobesard > cobisanos col			
	a+b*((1)-e)1(f+g+h)-i			
Loperoun	d> coperand> coperand>			
20100040	Al atp(.			
2 obeach	d > Lope satos> Coperandoninhix and			
- 1,				
	a+b*(c^d-e) ^ (f+g*h) - i') () 210			
2010) x+0	OHB + Cod re - 7 fgn + + - i - o side			
-7 100 x /s	adie partin			
*	a + bed x cd re retign x + r - i to Postfix equ			
7	94 bcd re tgh + 1/4-1 1-ation.			
NTOP	abcoret gut 4/10 in leuge			
*	a bade of ghx+1x +1-;			
	Stock [1+8+00kg 119.x]=C			

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- Const	Olt	CHARLES THE EMBLES	Ballotte
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	_	3312.300	opposite the
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14	method L		November 1
	a+b*(c^	'd-e) ^ (++g*h)-	- 1
		(Indicated)	(800549)
, ,		Stack	Expoession
)		Chrose records and a	Maria
,		+	
			ab
	*	1 0 0 000	
	C	+(*	0.467 NO OLB
1408)	^	(+(*100000)	abc
	d	+(*\	aba
	- 1	- 00010 +(*)500 <+000	abcd^
	e	() + C* = 1 9 0 0 0	abcde
)	+(*-)	aboodre
		1 (* -) ^	abcde
	4	+ (*-)^(abid^e
	+	+(+-)^(
	9	+(*-),(+	
	* 011	12000 0(+ CX-) (+) 4	abidiet9
	K	+	abcd retgrate
	-	• *\-	apcy,6+01P*10;
	(in the		abcdnet 9h+ nxi-
	127	Constant of) Ecolo
			100