30.9.20	Dafe Page
1 1 1	Program 2
	WAP to convert a given valid parenthesized infise to arithmetic enchrussion to prestfix expression. The expression consists of single character operands and the lineary operators + (phus), - (minus), * (multiply) and / (divide)
	to arithmetic expression to postline expression.
	the expression consists of single character
	operanas and the lineary operators + (phus)
-	(Tromas), * (muliply) and / awide.)
-	# include < stdio. h?
	# include < stdlib. h>
	# include < string , h? int F (char symbol)
• • • • •	int F (char symbol)
	£ . + . /
	switch (symbol)
	/ (1)
	case - : return 2;
	Case */:
	case Y': return 4;
	case 'n':
	case \$': returns;
	case '(': return 0;
	case #1: rutum-1;
	default: return 8;
	3
	int G (char symbol)
1	
	switch (symbol)
	4
	cose't':



	No. of the second secon
	case -: return 1:
	case *':
	case / : return 3;
	case 'n':
	case \$': return 6;
	case l': retumq;
	Case 'S': returno;
	default: rutum 7;
ž.	30
· .	31 reconsection is what it is the state of the
	void infise - postfix (char infise [], char postfix
	F CONTRACTOR OF THE STATE OF TH
2 A.	char s[30], symbol;
	char s[20] rembrol;
	toh = -1;
	s[++toh]=#/;
- -	
	jer (i=0; i < strlen (infix); i++)
· .	
	Symbol = infix [i];
	while (F(s[toh]) > Cr(symbol))
-	Every (SENA) (OLOGINAS))
1	Sportlin [i] = c[tob-].
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	0_2^{77}
	if (F(s[toh])!=G(symbol)) s[++toh]=symbol;
	if (r (b) top)! = (r (symbol))
	SL++Joh J= symbol;
•	<u>llsi</u>
	- Joh;
, ÷, .	3
de la	while (s (toh]! = #)

