DATE: a white a program to convert a given valid parenthesized wife content expression to postfin expression. # include < stdio. h> # include < string. hs # include < conio. h? int i=0, pax =0, top = -1, length; chan symbol, temp, infia [20], postfix[20], stack [20]; void intropostia (), Void push (chan symbol); chan pap (); int pred (char symb); unt main () printf ("Enter infine expression: \n"); Scanf ("1.5" infin); printf ("In Infin Empression: In 1.5", wifind, printf (" In Batha Expression: In 1.5", postfia); Void infratopostfia () & S. A. C. A. length = Storler (wifix);

PAGE NO : DATE: while (is length) of Symbol = infin [i]; switch (symbol) { case 'l': push (symbol); cose ') : temp = pop(); while (temp != '(') & postfia [pas ++) = temp; temp=pop(); break; rase 11: core can i while (pred (Stack (top)) > = pred (& gented)) postfix [pos++] = temp; push (symbol); postfix [pos ++) = 2 ymbol; i++;

ushile (top >0) & postfia [post]= temp; postfial pas] = 1/01; roid push (char symbol) (top = top+1; Stack [top) = sympt; char pop () & return stack [top--]; int pred (char symbod) & Switch (symbol) of case /* 1 : p-2.

Ineak; case ! -! : p=1; loreak; case 'C': p=0; default: p=-1;

	21/20	PAGE NO: DATE:	
	retion p;		
	3		
	Output		
	Output Enter Infix Expression: A^B * (-D+ Elfl (G+H))		
	A^B * (-D+ E/F/(G1+H)		
	Infin Enpression:		
	A^B*C-O+EIFI (G+H)		
	Angria Empression: Angria Empression: Postfin Empression: ABn C* D-EFIGH+1+		
0	AB^C*D-EF/GH+1+		
Va			
70			
	10/24		
7			