

3	Date 30/4/2020 Page
Land	Marinka Pharad Sec-B IBM1915081
	WAP to convert a given valid parenthis ized infix anithmetic expression
	to pechlic expression. The expression consists of single enounactu operands
	and the binouy openators + (puro), - (minus), + (multiply) & [ldivide)
	una ma unisig
	# woulde (stdio.n)
	# include (sming-h)
	Int F (chau symbol)
	{
	switch (symbol)
	E Company of the Comp
	case'+'!
	case'-1: sutuen 2;
	cope '*':
	case 1: return 4;
	case '^':
	cuse '\$': numun 5;
	case 'C': ruturno;
	case "#": Netuen-1;
	default: return 8;
	3
	3
	int G (cnar symbol)
	Emily and the second of the se
	switch (symbol)

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switch (symbol)
case '+':
case '-' : return 1;
                           ST++ top 1 Symbol 1
case 1': remen 3;
case 'n':
case '$': return 6;
case 'C': return 9;
case 1)': return 0;
default: return 7;
void înfix postfix (chan infix [], chan postfix [])
int top, i', j;
chan s[30] symbol;
hop = -1;
S[++ top]='#';
for li=0; i < smen (infix); i++)
                 mely pacticy (in ity pactics)
symbol = infix [i]; " I am soccase value and I place
while (F(s(top))> (a (symbol))
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GOODANA STATE
postlix [j] = s [top --];
if (F(s[top])! = G(symbol))
s[++ top] = symbol;
esse
top --;
                           PONTER TO DE SERVE
                           CONNING TEMENT OF
while (S[top]!= '#')
                           LLEGULLE : YEHULY T
postlix [j++]=S[top--];
postfix (j) = c'loisono () xilai amas xilizon xilai bioi
int main ()
                          lown elses symbol
chan infix [20];
chan postfix [20];
                            TENDOTE THE
printy ("entu valid infix expression \n");
infix postfix (infix, postfix);
printz ("the postfix expression is \n");
pring ("Y.s\n", postfix);
heren o;
```