

2	WAP to convert a given valled paranthesized
	infix with metic expression to postfix
	expression. The expussion consists of single
	character operands and binary operators '+,- +,-
-	# include < stdio. W
	# include (string. h)
	int F (char symbol)
	S. C.
	switch (symbol)
	S
	case 3'-':
7 -	can t'i return 2;
¥	Carl * 1.
	case () neturn 4;
	Case (A)
	cas '\$': return 5;
	Care (C) : return 0;
	case (H1. return-1)
	default : return 8;
	of a factor
	7 .
	int ((alany cumbol)
	int (r (char symbol)
	switch (symbol)
	S

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case + 1 return li case 'x' miningso wi case / retwen 3; case (1):
case (5): return 6; ease '(': return 9; case ()': return o; default: return 7 jmp2) Not void infix-postfix (charinfix [], char postfix than s[30], symbol; top=-1; s[++top] = 1+1; for (i=0; is strlen (infix); i++) Symbol = infix[i]; while (F(s[top]) > G(sqmbol)) postfix[j++] = S[top--];

if (F(s[top] != Cr(symbol)) s[++top] = symbol; else top--; while (S[top] != (#)) post fix [j++] = s[top --], postfix[j] = 101; int main () char infix[20], postfix[20]; prints ("Entir the valid infix expression") scanf (" %, s, & infix); infix postfix (infix, postfix); print (4 The postfix expression is: %s", postfi), Enter the valid infix expression abtc-d+e/f