Infix to postfix:

Infix Expression: A* (B*c+D*e)+F:

	The second secon	A STATE OF THE PROPERTY OF THE	Control of the Control of the State of the S
8·N0	Current	Operator Stack	Post fix String
1.			A
۵.	*	*	A
3.	C	*(A
ч.	В	*(AB
5:	*	*(*	AB
6.	C	*.(*	ABC
7.	+	* (+	ABC*
8.	D Inter	* (+	ABC * D
9,	*	*(+*	ABC *00
10.	E	*(+*	ABC * PE
11.		* 9-4-9	ABC*DE*+
12.	+	+	ABC * DE *+ *
13'	F	+	ABC*0E*+*F ABC*0E*+*F ABC*0E*+*F+
14,	13014	() () () () () ()	ABC*DE*+ TF+

Postfix Expression is :- ABC * DE

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8	1	3	
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			Optional transfer our complementary of the compleme
S-No	Current	Operator Stack	Post fix String
1.	A		A
2.	*	*	A
3.	В	*	AB
ч.	A	*A	AB
5.	C	* A	ABC
6.	+	+	ABC1*
7	D	+	ABC1*D
8.		+	ABC^*D+

Postfix Expression: ABC1*D+

(1 (1)

() I = x = x # () () ()

Postfix Expression: AB-DE+F*/

SNO	Reading of Post fix	Stack	Expressio
1.	A	Α	LAI
2.	В	В	[3]
3.		A-B	A-B
ч.	D	ρ	
			A-8
5	F	F	€ 0 1-8
6.	+	D+E	0-t E A-B
٦٠	F	F	F 0+€ A-B
8.	*	((O16)*F)	(0+6)*F A-8
9.		(A-B)/(p+e*f))	[A-8]

Infix Expression: (A-B) / ((0+E)*F))

S. No	Symbol	Stack
1.	a	a
2.	b	ab
3.	C	abc
4,	*	a(b*()
5,	d	a(b*c)d
6.	e of	a(b*()de
7.		a(b*c)(d-e)
8.		a ((6*c)/(d-e))
9.	+	(a+(b*c)/(a-c))

Infix conversion: (at ((b*c)/(d-e)))

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5) Balanced Symbols:

((a+b)*(c-d))

S·NO	symbol	Stack	Action Taken	Expression So far
Annual decrease of the second second decrease (2) and	and the second s		Push'('	C
2.	6 (((Push'c'	(
3.	a Major	((Append'a'	((a
4:	16), +	((Append't!	((a+
8.	ь	((Append'b'	((atb
6,)		PPP'C'	(catb
7	*	(*	push *	((ato)*
8.	C	(*(push (('	(a+b)*(
9.	((*(Append'C'	((a+b)*(c
10.	-	(*c	-Append'-'	((a+b) *(c-
11.	d	(*c	Append 'd'	((a+5)*(c-d)
12.)	(*	por'c'	((atb)*(a-d)
13.			POP'C'	((a+b) *(c-d))

It is valid for Balanced Symbol.

6, 1, [q(atb)*cj-d]

S·NO	Symbol	Stack	Action taken	Expression so far
1		[()]	Push'('	(
2.	a	[(]	Append'a	(a
3,	+	[(,+]	Push 't'	(at
ч,	Ь	[(,+]	Append b	(atb
5.		[(,+]	POP'('	(atb)
6.	*	[(,+,*]	Push 1*	(atb)*
7.	C	[(,*]	Append'c	1 (atb)*c
8.)	[(]	pop'c'	(a+b)*c
9,	_	[(,-]	Push 1-1	
10.	d	[c,-]	Append'd	
11.	End	ø	pop remain	SA Par Survey Company
Programme of the programmer			ng operato	ns

It is valid for "Balanced Symbol"