

Construct an algorithm for Conversion of Infix to Postfix using Stack and Convert $a*b^c-(d^e*f^g)+h$ to postfix expression

Sr. no.	Expression	Stack	Postfix
0		(
1	a	(a
2	*	(*	a
3	b	(*	ab
4	^	(* ^	ab
5	c	(* ^	abc
6	-	(-	abc^*
7	((- (abc^*
8	d	(- (abc^*d
9	^	(- (^	abc^*d
10	e	(- (^	abc^*de
11	*	(- (*	abc^*de^
12	f	(- (*	abc^*de^f
13	^	(- (* ^	abc^*de^f
14	g	(- (* ^	abc^*de^fg
15)	(-	abc^*de^fg^*
16		(-	abc^*de^fg^*
17	+	(+	abc^*de^fg^* -
18	h	(+	abc^*de^fg^* -h
19)		abc^*de^fg^* -h+