

Infix expression : $A + (B * C - (D / E \uparrow F) * \varepsilon) * H$

1. Put operands values in to output column
2. Put non operands valued in to stack column
3. On inserting closing parenthesis ')' into stack POP and PUSH elements between () to the output column from right to left scan.
4. After scanning all the shymbols in expression, POP all the values from stack and PUSH in to output columns.

	Symbol Scanned	Stack	Output
1	A		A
2	+	+	A
3	(+()	A
4	B	+()	AB
5	*	+(*)	AB
6	C	+(*)	ABC
7	-	+(-)	ABC*
8	(+(-()	ABC*
9	D	+(-()	ABC*D
10	/	+(-(/)	ABC*D
11	E	+(-(/)	ABC*DE
12	\uparrow	+(-(/ \uparrow)	ABC*DE
13	F	+(-(/ \uparrow)	ABC*DEF

14)	+(-	ABC*DEF↑/
15	*	+(-*	ABC*DEF↑/
16	ε	+(-*ε	ABC*DEF↑/
17)	+	ABC*DEF↑/ε*-
18	*	+*	ABC*DEF↑/ε*-
19	H	+*	ABC*DEF↑/ε*-H
20			ABC*DEF↑/ε*-H*+

Postfix expression : ABC*DEF↑/ε*-H*+

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