① ((A+B) - C *(D/E)) + F

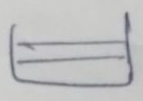
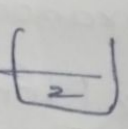
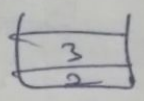
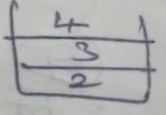
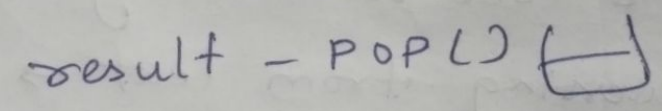
	Input	Stack	Output
①	C	[(]	
②	C	((	
③	A	((	A
④	+	((+	A
⑤	B	((+	AB
⑥	)	(+	AB
⑦	-	(-	AB +
⑧	C	(-	AB + C
⑨	*	(- *	AB + C
⑩	(	(- * (	AB + C
⑪	D	(- * (	AB + CD
⑫	/	(- * (/	AB + CD
⑬	E	(- * (/	AB + CDE
⑭	)	(- * (/) → (- *	AB + CDE /
⑮	)	(- *)	AB + CDE / - *
⑯	+	+	AB + CDE / * -
⑰	F	+	AB + CDE / * -
⑱	##	+	AB + CDE / * - F +
			(END)

② A + B * C + D .

Input	Stack	Output
A		A .
+	+	A

B	+	AB.
*	+ *	AB.
C	+ *	ABC.
+	+ *	ABC*
D	+ *	ABC*+D.
#	+	ABC*+D+(END)

(3) 234 * + .

Read Symbol	Stack Operations	Evaluated part of expression.
Inital.	empty 	Nothing.
2	push(2) 	Nothing.
3	push(3) 	Nothing.
4	Push(4) 	Nothing.
*	Value(1) = pop(4). value(2) = pop(3) value(3) = pop(2). result = value1 * value2 * value3.	result = 24.
+	value(1) = pop(4) value(2) = pop(3) value(3) = pop(2). result = value1 * value2 * value3.	result = 9.
$	result - POP() 	Display result = 9.