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SOAL

1. Write an algorithm to convert an infix expression to postfix and infix to prefix
2. Write an algorithm to evaluate a postfix and a prefix expression

PEMBAHASAN

1. algorithm to convert an infix expression to postfix and infix to prefix

Input Character	STACK	POSTFIX EXPRESSION
A	Empty	A
*	*	A
B	*	A B
-	-	A B *
(- (A B *
C	- (A B * C
+	- (+	A B * C
D	- (+	A B * C D
)	-	A B * C D +
+	+	A B * C D + -
E	+	A B * C D + - E
End Of Input	Empty	A B * C D + - E +

POSTFIX EXPRESSION : - A B * C D + - E +

INPUT CHARACTER	STACK	EXPRESSION
F		F
*	^	F
)	^)	F E
E	^)	F E

*POSTFIX

