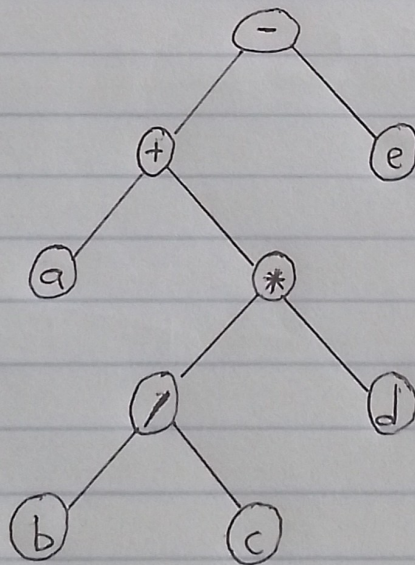


1. $a + b/c * d - e \rightarrow$ postfix using a stack.

Taken	Stack	Postfix
a		a
+	+	a
b	+	ab
/	+ /	ab
c	+ /	abc
*	+ *	abc/
d	+ *	abc/d
-	-	abc/d*+
e	-	abc/d*+e-

$$(a + (b/c * d)) - e$$



2. Convert $a + b/c * d - e$ to postfix expression.

By hand : $a + b/c * d - e$

$a + bc/d * - e$

$abc/d*+ - e$

$abc/d*+e-$

$abc/d*+e-$

3. Convert the prefix expression $+ a * bc$ to an infix using a stack.

$+ a * bc$

token	stack	infix
c	c	
b	cb	
*		$(b * c)$
a	$(b * c), a$	
+		$a + (b * c)$
$a + (b * c)$		