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

Token	stack	Postfix
a		a
+	+	a
b	+	ab
/	+/	ab
c	+/	abc
*	+*	abc/
d	+*	abc/d
-	-	abc/d*+
e	-	abc/d*+e
		abc/d*+e-
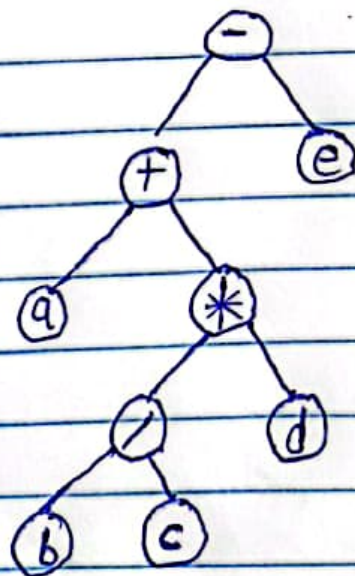
$$(a+(b/(c*d))-e)$$

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

By hand

$a+b/c*d-e$

$a+bc/d*-e$

$abc/d*+-e$

$abc/d*+e-$

$abc/d*+e-$

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)