Infix to Postfix Conversion

- **Example 3:** a – (b + c * d) / e

in	stack(bottom to top)	postfix
a		a
-	-	
(	-(	
b		ab
+	-(+	
c		abc
*	-(+*	
d		abcd
)	-	abcd*+
/	-/	
e		abcd*+e
		abcd*+e/-

1. Operands are output immediately
2. Push "(" always and operators in general.
3. For ")", pop until "(". Discard "(" and ")".
4. For higher precedence operator, push it.
5. For lower or equal precedence operator, pop them until "(" and push it.

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Infix to Postfix Conversion

- **Example 4:** A * (B + C * D) + E

	in	stack(bottom to top)	postfix
1	A		A
2	*	*	
3	(	*(	
4	B		AB
5	+	*(+	
6	C		ABC
7	*	*(+*	
8	D		ABCD
9	)	*	ABCD*+*
10	+	+	
11	E		ABCD*+*E
12			ABCD*+*E+

1. Operands are output immediately
2. Push "(" always and operators in general.
3. For ")", pop until "(". Discard "(" and ")".
4. For higher precedence operator, push it.
5. For lower or equal precedence operator, pop them until "(" and push it.

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