

4. Given the precedence of some operators,

Operators	Precedence
*, /, %	highest
+, -	
<<, >>	
&&	
=	
	lowest

(a) convert an infix expression, $x = a + b * c \% d >> e$, to a postfix expression

$xabc * d\% + e >> =$

(b) convert a prefix expression, $= y\&\& << ab >> c + de$, to an infix expression

$y = a << b\&\&c >> d + e$

(c) convert a postfix expression, $abc * d\% + e >> =$, to a prefix expression

$= x >> +a\% * bcde$