## Expressions, operations, and precedence

## **Extended assignment operators**

- count += 5 is a shorthand for the more verbose count = count + 5
- For an immutable type, such as a number or a string, one should not presume that this syntax changes the value of the existing object, but instead that it will reassign the identifier to a newly constructed value.
- However, it is possible for a type to redefine such semantics to mutate the object, as the list class does for the += operator.