- Declaration vs. Initialization:

Declaration is just a datatype and the name of the variable.

int highTemp;

- If we’re asked for an assignment, our variable has already been declared. Sometimes we must initialize a value

- Assignment: This must happen before we use a declared variable.

highTemp = 78;

- Declaration-assignment: We’ll only do this if we haven’t declared a variable yet.

int highTemp = 78;

6.0000001

5.9999999

I’m guessing those are supposed to be the same number.

Truncation: we drop everything after decimal.

“ + = “ adds what is on the right hand side of the assignment the variable on the left side of the assignment.

Int num = 3;

Num \* = 3 + 2

Means

num = num \* (3+2) ;

- Everything on the right hand side of the operator will take precedence before the arithmetic shortcuts on the left hand side.

- Right associative: Assignment goes right to left.

num = num1 = num2 = 4;

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