*Notes 10/20*

Arrays can be used to hold a lot of values. You initialize them as *type name [number of items] = {item1, item2…itemN}*

Then you can call a particular element of the array as so: *name [# you want]*. You start counting array elements at 0, not 1. So if you call *array[4]* you will get the *fifth* element.

Arrays can have ints, doubles, strings, or any datatype you want.

If you need to declare a variable and use it only once (ex: you want to divide 2 ints without dropping the fraction), C++ has an easier method to do so – temporary variables. There are 3 ways to do so:

1. *Static\_cast<variableType>(source expression)*
2. He never got here lol