

Find a group of 3-4. Use your textbook. If you don't have it, use the Booksite. Once you fill in your row, do the exercise listed on the right.

data type	literals	operators	comparisons	example variable dec/assign	exercise
int	126 0 -126	+ - / * %	== != < > <= >=	int courseNumber = 126;	Section 1.2, Exercise 6
double	126.0 0.0 -126.0 6.022e23	+ - / * %	< > <= >=	double hrsSlept = 5.5;	Section 1.2, Exercise 13
boolean	true false	&& !	== !=	boolean breakfast = false;	Section 1.2, Exercise 4
char	'a' 'Z' '?'	+ - / * % <i>(See note below!)</i>	== != < > <= >=	char grade = 'A';	Section 1.2, Exercise 9
String	"Hello, World" "123.3 + 10" ""	+ <i>(See note below!)</i>	none <i>(See note below!)</i>	String dept = "COS";	Section 1.2, Exercise 7

- You do **not** have to memorize this chart. You will get much more experience with these data types in the coming weeks. Refer to this page as needed.
- Operators on chars promote chars to ints. For instance, (char) ('a' + 1) is equal to 'b'. And note that 'a' + 'b' does **not** equal "ab". (It's 195.)
- Strings have many more operators and comparisons than listed here. We will learn about them in a couple of weeks. All you need to know for now is +.