

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.

<b>data type</b>	<b>literals</b>	<b>operators</b>	<b>comparisons</b>	<b>example variable dec/assign</b>	<b>exercise</b>
<b>int</b>				<code>int courseNumber = 126;</code>	Section 1.2, Exercise 6
<b>double</b>					Section 1.2, Exercise 13
<b>boolean</b>					Section 1.2, Exercise 4
<b>char</b>					Section 1.2, Exercise 9
<b>String</b>					Section 1.2, Exercise 7

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