

**COMP 110/L**  
**Fall 2022**

**Lecture 4 Handout**

1.) Consider the following code:

```
Scanner myScanner = new Scanner(System.in);
```

Write a line of code that will read in a `long`, and save it into a variable.

2.) For each of the following Java expressions, write out the result of the expression, as well as the type of the expression.

`12 + 3`

`12 + 3L`

`12 + 3.0`

`"foo" + 3`

`"foo" + 3L`

`"foo" + 3.0`

`3 + 3.0`

`3 + 3L`

3.) For each of the following mathematical expressions, write out an equivalent Java expression. You'll need to use `Math.pow` in Java.

$3^2$

$3.5^{2.5}$

$(18 + 3)^{3 + 4}$