

COMP 110/L
Fall 2022

Lecture 5 Handout

1.) Call a method named `foo`. `foo` doesn't take any parameters. You can ignore `foo`'s return value.

2.) Call a method named `bar`, and pass parameters `1` and `2`. You can ignore `bar`'s return value.

3.) The `blah` method takes an `int` and a `String` as parameters. `blah` returns a `double`. Call `blah` below, saving `blah`'s return value in a variable.

4.) The `alpha` method should take two `double` values and return a `double`.

4.a.) Write `alpha`'s signature below.

4.b.) `alpha` should add its two parameters and return the result. Write `alpha`'s body below.

4.c.) Write a valid call to `alpha` below, saving the result in a variable.

5.) The `beta` method should take a `String`, and does not return anything.

5.a.) Write `beta`'s signature below.

5.b.) `beta` should print out its parameter. Write `beta`'s body below.

5.c.) Write a valid call to `beta` below.

6.) Consider the following mathematical expression:

$$w(x, y, z) = f(x, y) + g(z)$$

Assume you have the following methods defined for you:

```
public static int f(int x, int y) {  
    return x + y;  
}
```

```
public static double g(double value) {  
    return value + 3.14;  
}
```

Define the `w` method below. `w` should work the same as with the above mathematical expression. As a hint, parameters `x` and `y` should be `ints`, parameter `z` should be a `double`, and `w` should return a `double`.