

## Java Week 2

Total Questions: 14

Most Correct Answers: #1

Least Correct Answers: #2

1. Java files are compiled into which file type?

0/4 ☐ A .java

0/4 ☐ B .txt

0/4 ☐ C .cls

4/4 ☒ D .class

2. Project 1 is due Monday, February 6 at 9:00 a.m.

0/4 ☒ A True

4/4 ☐ B False

3. Every Java class must have a main method.

2/4 ☐ A True

2/4 ☒ B False

4. Which of the following are true of Java?

4/4 ☒ A Statements end in a semicolon.

3/4 ☒ B Code blocks are defined by a pair of curly braces {}.

3/4 ☒ C The assignment operator is one equals sign =.

0/4 ☐ D The equals operator uses *three* equals signs ===

5. Variables must be declared with a type and a name:

```
int weight = 42;
```

3/4 ☒ A True

0/4 ☐ B False

6. Which of the following are true?

0/4 ☐ A System.out.print and System.out.println do the same thing

0/4 ☐ B System.out.print inserts a newline.

3/4 ☒ C System.out.println inserts a newline.

3/4 ☒ D System.out.print keeps printing to the same line.

0/4 ☐ E None of these statements are true.

7. In Chapter 2, A Trip to Objectville, who got the chair in the programming challenge?

0/4 ☐ A Larry, the procedural programmer

2/4 ☒ B Amy from the second floor

0/4 ☐ C Brad the OO guy

0/4 ☐ D The really Annoying Project Manager

1/4 ☐ E We were supposed to read Chapter 2? Oops.

8. According to Chapter 2, things that an object "knows" about are called:

1/4 ☐ A Methods

0/4 ☐ B Class Definitions

0/4 ☐ C Objects

2/4 ☒ D Instance variables

0/4 ☐ E Knowables

9. According to Chapter 2, things that an object can do are called:

3/4 ☒ A Methods

0/4 ☐ B Class definition

0/4 ☐ C Objects

0/4 ☐ D Instance variables

0/4 ☐ E Doables

10. According to chapter two, if a class is like a recipe, objects are like cookies.

3/4 ☒ A True

0/4 ☐ B False

11. Assume the code snippet below is within a valid class and main method. Choose the answer that best describes the proper output.

```
int x = 6;
if ( x <= 5 ) {
    System.out.println("x is " + x);
} else {
    System.out.println("x is big");
}
```

1/4 ☐ A 6 is big

2/4 ☒ B x is big

0/4 ☐ C x is 6

0/4 ☐ D 6 is 6

0/4 ☐ E None of the above

12. Assume the code snippet below is within a valid class and main method. Choose the answer that best describes the proper output.

```
int x = 3;
if ( x <= 5 ) {
    System.out.println("x is " + x);
} else {
    System.out.println("x is big");
}
```

0/4 ☐ A x is big

0/4 ☐ B 3 is 3

3/4 ☒ C x is 3

0/4 ☐ D x is 5

0/4 ☐ E None of the above

13. Assume the code snippet below is within a valid class and main method. Choose the answer that best describes the proper output.

```
int x = 0;
while ( x < 5 ) {
    if (x > 3) {
        System.out.print (x);
    }
    x = x + 1;
}
```

0/4 ☐ A 012

0/4 ☐ B 01234

0/4 ☐ C 45

2/4 ☒ D 4

1/4 ☐ E None of the above

14. Assume the code snippet below is within a valid class and main method. Choose the answer that best describes the proper output.

```
int x = 0;
while ( x <= 5 ) {
  if (x > 3) {
    System.out.print (x);
  }
  x = x + 1;
}
```

1/4 ☐ A 4

0/4 ☐ B 01234

2/4 ☒ C 45

0/4 ☐ D 012

0/4 ☐ E None of the above