

## Java Week 2

Total Questions: 14

Most Correct Answers: #12

Least Correct Answers: #10

1. Java files are compiled into which file type?

2/11 ☐ A .java

0/11 ☐ B .txt

0/11 ☐ C .cls

9/11 ☒ D .class

2. Project 1 is due Monday, September 18 at 9:00 a.m.

9/11 ☒ A True

1/11 ☐ B False

3. Every Java class must have a main method.

1/11 ☐ A True

9/11 ☒ B False

4. Which of the following are true of Java?

8/11 ☒ A Statements end in a semicolon.

7/11 ☒ B Code blocks are defined by a pair of curly braces {}.

8/11 ☒ C The assignment operator is one equals sign =.

0/11 ☐ D The equals operator uses *three* equals signs ===

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

```
int weight = 42;
```

9/11 ☒ A True

0/11 ☐ B False

6. Which of the following are true?

0/11 ☐ A System.out.print and System.out.println do the same thing

0/11 ☐ B System.out.print inserts a newline.

8/11 ☒ C System.out.println inserts a newline.

6/11 ☒ D System.out.print keeps printing to the same line.

1/11 ☐ E None of these statements are true.

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

0/11 ☐ A Larry, the procedural programmer

8/11 ☒ B Amy from the second floor

0/11 ☐ C Brad the OO guy

0/11 ☐ D The really Annoying Project Manager

1/11 ☐ E We were supposed to read Chapter 2? Oops.

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

1/11 ☐ A Methods

1/11 ☐ B Class Definitions

0/11 ☐ C Objects

7/11 ☒ D Instance variables

0/11 ☐ E Knowables

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

- 9/11 ☒ A Methods
- 0/11 ☐ B Class definition
- 0/11 ☐ C Objects
- 0/11 ☐ D Instance variables
- 0/11 ☐ E Doables

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

- 6/11 ☒ A True
- 3/11 ☐ 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");
}
```

- 0/11 ☐ A 6 is big
- 9/11 ☒ B x is big
- 0/11 ☐ C x is 6
- 0/11 ☐ D 6 is 6
- 0/11 ☐ 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");
}
```

0/11 ☐ A x is big

0/11 ☐ B 3 is 3

9/11 ☒ C x is 3

0/11 ☐ D x is 5

0/11 ☐ 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;
}
```

0/11 ☐ A 012

0/11 ☐ B 01234

0/11 ☐ C 45

8/11 ☒ D 4

1/11 ☐ 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;
}
```

1/11 ☐ A 4

0/11 ☐ B 01234

7/11 ☒ C 45

0/11 ☐ D 012

1/11 ☐ E None of the above