

Quiz name: [Advanced Java Unit 1 Review](#)

Date: [02/15/2016](#)

Question with Most Correct Answers: [#3](#)

Total Questions: [15](#)

Question with Fewest Correct Answers: [#5](#)

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1. The PrintWriter class is part of which package?

0/19

☐ A

No import is necessary

0/19

☐ B

java.lang.\*;

0/19

☐ C

java.util.\*;

0/19

☐ D

java.collections.\*;

15/19

☒ E

java.io.\*;

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2. Which of the following are true of Java collections?

7/19

☒ A

Group multiple elements into a single unit.

7/19

☒ B

Are based on interfaces.

7/19

☒ C

Are used to store, retrieve, manipulate, and communicate aggregate data.

10/19

☐ D

The core collection interfaces are organized into two distinct inheritance trees: Set and List.

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3. Which of the following holds a group of objects in the same order that they are placed in the collection?

1/19

☐ A

TreeMap

0/19

☐ B

TreeSet

0/19

☐ C

HashMap

15/19

☒ D

ArrayList

---

4. What does "ANT" in Apache ANT stand for?

Anon 4ce86

i don't know

Anon 05141

Another Neat Tool

Anon 3e1c6

A New Type

Anon 7e1e7

another neat tool

Anon bb954

ant  
Anon e6099  
Another Neat Tool  
Anon 82372  
Another Nifty Terminal  
Anon 6b9da  
Ant stands for ...  
Anon fbf35  
Another Nifty Tool  
Anon 4b473  
Another Neat Tool  
Anon f8f75  
Another Named Tool  
Anon 3ff96  
Asynchronous JavaScript and XHTML  
Anon 7b03d  
Apple Network Team  
Anon 43e24  
ant man

---

5. Which of the following are true of Apache ANT?
- 1/19** ☒ A It is a Java library.
- 15/19** ☒ B It is a command line tool.
- 12/19** ☒ C Its main usage is building Java applications.
- 14/19** ☐ D Is used to run Java applications.
- 15/19** ☒ E Relies on a build.xml file which describes targets (lists of tasks) that can be used to compile and build projects.
- 

6. Write the command to REMOVE execute permissions from the runMyProject.sh file.

Anon 4ce86  
ant remove ?  
Anon 05141  
chmod -rw  
Anon 3e1c6  
chmod -x runMyProject.sh  
Anon 7e1e7  
chmod -x runMyProject.sh  
Anon e6099  
no idea... typing to look smart right now  
Anon 1d923  
rm chmod

Anon 82372  
sudo chmod 735 runMyProject.sh  
Anon 6b9da  
chmod -x runMyProject.sh  
Anon 4b473  
chmod -runMyProject.sh  
Anon f8f75  
chmod remove something  
Anon 3ff96  
rwx rm -z runMyProject.sh  
Anon 7b03d  
chmod +(?)  
Anon 43e24  
chmod -x runMyProject.sh

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Consider this line of code:

```
ArrayList<Car> carInventory = new ArrayList<Car>();
```

7. What is the object reference?
- 12/19** ☒ A carInventory  
**0/19** ☐ B ArrayList  
**2/19** ☐ C Car  
**1/19** ☐ D ArrayList<Car>  
**0/19** ☐ E None of the above
- 

Consider this line of code:

```
ArrayList<Car> carInventory = new ArrayList<Car>();
```

8. When this line of code runs, how many Car objects are created?
- 0/19** ☐ A 10  
**2/19** ☐ B 1  
**13/19** ☒ C 0  
**1/19** ☐ D It depends how much RAM is available.
- 

Consider this line of code:

```
ArrayList<Car> carInventory = new ArrayList<Car>();
```

9. Which of the following are true?

- 7/19 ☒ A This pair of angle brackets, <>, is informally called the diamond.
- 12/19 ☒ B ArrayList<Car> is a generic type invocation which means you are passing a type argument — Car in this case — to the ArrayList class itself.
- 2/19 ☐ C A car object is created.
- 8/19 ☒ D In Java SE 7 and later this code could be rewritten as: ArrayList<Car> carInventory = new ArrayList<>();
- 11/19 ☒ E Using generics, as in this example, provide type safety.
- 

10. Which of the following are true about the try-with-resources statement?

- 1/19 ☐ A It is a try statement that can only declare one resource (where a resource is defined as an object that must be closed after the program is finished with it).
- 16/19 ☒ B Ensures that each resources is closed at the end of the statement if the code in the try block completes normally.
- 12/19 ☒ C Ensures that each resources is closed at the end of the statement if the code in the try block ends abruptly (fails).
- 15/19 ☒ D Formatting looks like this: try (BufferedReader br = new BufferedReader(new FileReader(path))) {
- 1/19 ☐ E Formattting looks like this: try (BufferedReader br = new BufferedReader(new FileReader(path))); {
- 13/19 ☒ F Can only be used with resources that implement the AutoCloseable interface.
- 

11. Which of the following are true of java exception handling?

- 15/19 ☒ A An exception is an event, which occurs during the execution of a program, that disrupts the normal flow of the program's instructions.
- 10/19 ☒ B When an error occurs within a method, the method creates an object and hands it off to the runtime system.
- 14/19 ☒ C The exception object contains information about the error, including its type and the state of the program when the error occurred.
- 13/19 ☒ D The block of code that can handle the exception is called the exception handler.
- 

The following code is legal:

```
try {  
12. } finally {  
  
}
```

- 10/19 ☒ A True
- 6/19 ☐ B False
-

This code is correct and will compile:

```
try {
```

13. 

```
    } catch (Exception e) {
```

```
    } catch (ArithmeticException a) {
```

```
}
```

7/19

☐ A

True

7/19

☒ B

False

---

14. We use PrintWriter because it makes formatting of output easier.

14/19

☒ A

True

2/19

☐ B

False

---

15. Which of the following are true of BufferedReader?

1/19

☐ A

It is part of the java.collections package.

2/19

☐ B

The BufferedReader constructor takes the name of the file represented as a String.

15/19

☒ C

Buffered reader buffers characters to provide efficient reading of characters.

11/19

☒ D

The BufferedReader constructor takes a Reader object.