

Java Exam 1 Review

Total Questions: 22

Most Correct Answers: #4

Least Correct Answers: #18

- 1. Java files are compiled into which file type?
- 2/15
- .java
- 0/15
- .txt
- 0/15
- 12/15
- .class
- Every Java class must have a main method.
- 0/15
- 14/15
- False
- Which of the following are true of Java?
- Statements end in a semicolon.
- Code blocks are defined by a pair of curly braces {}. 11/15
- 12/15
- The assignment operator is one equals sign =.
- The equals operator uses *three* equals signs === 0/15
- Variables must be declared with a type and a name as shown below:

int weight;

- 15/15
- True
- 0/15
- False
- Which of the following are true?
- System.out.print and System.out.println do the same thing 0/15
- System.out.print inserts a new line. 0/15

13/15	System.out.println inserts a new line.		
14/15	System.out.print keeps printing to the same line.		
0/15	None of these statements are true.		
	According to Chapter 2, things that an object "knows" about are called:		
4/15 0/15	A Methods B Class Definitions		
0,13			
3/15	C Objects		
8/15	Instance variables		
0/15	E Knowables		
7. According to Chapter 2, things that an object can do are called:			
14/15	A Methods		
0/15	(B) Class definition		
0/15	C Objects		
0/15	D Instance variables		
0/15	E Doables		

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

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

10. The proper way to compare two String values, myString1 and myString2, is:

11. A program written in Java is run on a standardized hypothetical computer called an transformer.

2/15	A	True	
13/15	В	False	
12.	In this	s code snippet, what part is the object reference?	
SuperHero speedy = new SuperHero();			
1/15	A	SuperHero	
10/15	В	speedy	
3/15	C	SuperHero()	
1/15	D	new SuperHero()	
0/15	E	None of the above	
13.	What	are the two main types of variables in Java?	
1/15	A	doubles and primitives	
1/15	B	int and String	
0/15	C	doubles and floats	
2/15	D	primitives and complex variables	
11/15	E	primitives and object references	
14.	A clas	s lives in the garbage collection heap.	
3/15	A	True	
12/15	В	False	
15.	Which	of the following is the assignment operator in Java?	
0/15	A	:	
0/15	B	=>	
1/15	C	==	
14/15	D	=	
0/15	E	None of the above	
16. the v	Given ⁄ariabl	the following instance variable, which is the correct method to access e?	

```
private String getAge() {
0/15
             return age;
             public int getAge() {
11/15
             return age;
             }
             public getAge() {
1/15
             return age;
             }
             private int getAge() {
2/15
             return age;
             }
 17. Which of the following snippets is the proper way to call a method named bark
 that accepts 2 parameters, a String and an int? Assume that you have an object
 reference named doggie.
            doggie.bark(String barkSound, int numberOfBarks);
4/15
            doggie.bark(String "woof", int 5);
0/15
            doggie.bark(15, "woof");
0/15
            doggie.bark(String, int);
2/15
            doggie.bark("woof", 4);
9/15
 18.
      Which of the following are true?
             Instance variables are declared in methods
3/15
             Instance variables get a default value
2/15
             Local variables get a default value
6/15
             Local variables must be initialized before use
10/15
      Which of the following is the proper way to determine the size of a dogs array
 that has been define like this:
 Dog[] dogs = new Dog[7];
             dogs.setSize.length()
0/15
          В
             dogs.size
4/15
             dogs.getCount()
0/15
             dogs.length
11/15
 20. Which of the following is the proper way to create an array of 3 Book objects?
```

- 14/15 A Book[] books = new Book[3]; books[0] = new Book(); books[1] = new Book(); books[2] = new Book();

 0/15 B Book[] books = new Book(3);
- O/15

 B Book[] books = new Book(3);
 books(0) = new Book();
 books(1) = new Book();
 books(2) = new Book();
- O/15 © Book[] books = new Book[3]; books[1]= new Book(); books[2] = new Book(); books[3] = new Book();
- **0/15** D BookArray books = new BookArray{new Book, new Book, new Book};

21. Which of the following are true about encapsulation?

- **0/15** A Getters and setters are marked private.
- 15/15 Encapsulation is also known as data hiding.
- 9/15 Getters and setters provide access to instance variables.
- 1/15 Only occurs in procedural programming languages.
- 10/15 E Instance variables are marked private.

22. Which of the following will produce a result of 3.5?

- int x = 14;
- int y = 4;
- 9/15 A double $z = (double) \times / y$;
- 3/15 (B) double z = x / y;
- 3/15 C double z = x / (double) y;
- **2/15** (D) int z = (double) x / y;
- **0/15** (E) None of the above