

Quiz name: **Java Week 4**Date: **10/06/2015**Question with Most Correct Answers: **#12**Total Questions: **15**Question with Fewest Correct Answers: **#12**

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1. When submitting Project 2 for grading, which directory should you zip(compress)?
- 0/0 ☐ (A) project2
- 0/0 ☐ (B) java111
- 0/0 ☐ (C) src
- 0/0 ☒ (D) projects
- 0/0 ☐ (E) none of the above
- 

2. This is the proper way to define and assign a double:  
double myDouble = 5.9f;
- 0/0 ☐ (A) True
- 0/0 ☒ (B) False
- 

3. This is the proper way to define and assign a char:  
char myChar = "y";
- 0/0 ☐ (A) True
- 0/0 ☒ (B) False
- 

4. A program written in Java is run on a standardized hypothetical computer called \_\_\_\_\_.
- 0/0 ☐ (A) a transformer
- 0/0 ☐ (B) object referencer
- 0/0 ☐ (C) a compiler
- 0/0 ☒ (D) the java virtual machine
-

In this code snippet, what part is the object reference?

5.

```
SuperHero speedy = new SuperHero();
```

0/0

☐ A

SuperHero

0/0

☒ B

speedy

0/0

☐ C

new SuperHero()

0/0

☐ D

SuperHero()

---

6. What are the two main types of variables in Java?

int and String

0/0

☐ A

0/0

☐ B

Strings and primitives

0/0

☐ C

doubles and floats

0/0

☒ D

primitives and object references

0/0

☐ E

Primitives and complex variables

---

7. A class lives in the garbage collection heap.

0/0

☐ A

True

0/0

☒ B

False

---

8. When does garbage collection happen?

0/0

☐ A

When gc.CollectGarbage() is called.

0/0

☐ B

Every 5 ms.

0/0



Every day at 12:01 a.m.

0/0



We don't know and we don't care.

---

9. Which of the following will compile?

0/0



int double = 1;

0/0



int myInt = 34.5;

0/0



int myInt = 15;

0/0



int void = 0;

---

10. Which of the following is not a primitive type?

0/0



int

0/0



byte

0/0



float

0/0



String

---

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

11.

```
Book a = new Book();  
Book b = new Book();  
a.title = "Blue";  
b.title = "Red";  
b = null;  
System.out.println(b.title);
```

0/0



Blue

0/0



Red

0/0



a.title

0/0



b.title

0/0



Null Pointer Exception

---

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

12.

```
Book a = new Book();  
Book b = new Book();  
a.title = "Blue";  
b.title = "Red";  
b = null;
```

```
System.out.println(a.title);
```

- 0/0 ☐ A Null Pointer Exception
  - 0/0 ☒ B Blue
  - 0/0 ☐ C Red
  - 0/0 ☐ D title
  - 0/0 ☐ E a.title
- 

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

13.

```
Book a = new Book();  
Book b = new Book();  
a.title = "Blue";  
b.title = "Red";  
b = a;
```

```
System.out.println(b.title);
```

- 0/0 ☐ A Null Pointer Exception
  - 0/0 ☒ B Blue
  - 0/0 ☐ C Red
  - 0/0 ☐ D a.title
  - 0/0 ☐ E b.title
- 

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

14.

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = a;
a = null;
```

```
System.out.println(b.title);
```

0/0

☐ A

Null Pointer Exception

0/0

☒ B

Blue

0/0

☐ C

Red

0/0

☐ D

a.title

0/0

☐ E

null

---

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

15.

```
Book a = new Book();
Book b = new Book();
a.title = "Blue";
b.title = "Red";
b = a;
b.title = "Green";
System.out.println(a.title);
```

0/0

☐ A

Null Pointer Exception

0/0

☐ B

Blue

0/0

☐ C

float

0/0

☒ D

Green