

Name: Answer Sheet

Date: 05/22/2016

Quiz name: Module 1 - Week 1 Review

Score: 100%

- ✓ 1. What is saved in a .java file?
- ☐ A byte code
 - ☐ B machine code
 - ☐ C secret code
 - ☒ D source code
 - ☐ E I don't know

- ✓ 2. What program is used to compile Java source code?
- ☐ A git
 - ☐ B java
 - ☒ C javac
 - ☐ D jvm
 - ☐ E TextMate
 - ☐ F I don't know

```
int x = 5;  
int y = x + 2;  
y = 3;
```

- ✓ 3. What is the value of the variable y after this code snippet executes?
- 3

```
int x = 9 / 2;
```

- ✓ 4. What is the value of the variable x after this code snippet executes?
- 4

```
int x = (7 / 2) * 2;
```

- ✓ 5. What is the value of the variable x after this code snippet executes?
- 6

```
boolean p = true;  
boolean q = false;  
if( p || q ) {  
    System.out.println("Apple");  
} else {  
    System.out.println("Orange");  
}
```

- ✓ 6.

What does this code display?

- ☒ A Apple
- ☐ B Orange
- ☐ C I don't know

```
boolean p = false;
boolean q = false;

if( !p && !q ) {
    System.out.println("Apple");
} else if( p ^ q ) {
    System.out.println("Orange");
} else {
    System.out.println("Banana");
}
```

✓ 7.

What does this code display?

- ☒ A Apple
- ☐ B Orange
- ☐ C Banana
- ☐ D I don't know

```
boolean p = true;
boolean q = true;

if( !p && !q ) {
    System.out.println("Apple");
} else if( p ^ q ) {
    System.out.println("Orange");
} else {
    System.out.println("Banana");
}
```

✓ 8.

What does this code display?

- ☐ A Apple
- ☐ B Orange
- ☒ C Banana
- ☐ D I don't know

```
int answer = 0;
for(int i = 0; i < 10; i++) {
    if(i % 3 != 0) {
        answer = answer + i;
    }
}
```

✓ 9.

```
System.out.println(answer);
```

What value is displayed by this program?

```
int sum = 0;
for(int i = 10; i > 0; i -= 5) {
    sum += i;
}
```

```
System.out.println(sum);
```

✓ 10.

What value does the preceding fragment display?

15

```
String[] cities = new String[] { "Cleveland", "Columbus", "Cincinnati", "Akron", "Dayton", "Toledo" };
```

```
String result = cities[4];
```

✓ 11. **What is the value of *result* after this code executes?**

- ☐ A Cleveland
- ☐ B Columbus
- ☐ C Cincinnati
- ☐ D Akron
- ☒ E Dayton
- ☐ F Toledo
- ☐ G I don't know

```
int[] numbers = new int[10];
int sum = 0;
for(int ix = 0; ix < numbers.length; ix++) {
    sum += ix;
    numbers[ix] = sum;
}
```

✓ 12.

```
int result = numbers[4];
```

What is the value of result after this code executes?

10