socrative
by Mastery**Connect**

Name: Answer Sheet

Quiz name: Module 1 - Loops and Arrays

Date: 05/20/2016

Score: 100%

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

✔ 1.   **What is the value of y?**

7

```
int answer = 0;
for(int i = 0; i < 10; i++) {
if(i % 2 == 0) {
answer = answer + i;
}
}
```

✔ 2.

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

What value is displayed by this program?

20

```
int sum = 0;
for(int i = 10; i > 0; i -= 3) {
sum += i;
}
System.out.println(sum);
```

✔ 3.   **What value does the preceding fragment display?**

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---

1) int sum = 0;
2) for(int i = 0; i < 10; i++)
3) sum += i;
4)
5) int count = i;

✔ 4.   **The preceding code fragment will cause a compiler error, which line will cause the error?**

- (A) Line 1
- (B) Line 2
- (C) Line 3
- (D) Line 4
- **(E) Line 5**
- (F) I don't know

```
boolean[] first = new boolean[] { true, true, false, false };
boolean[] second = first;

first[0] = false;
second[2] = true;
```

✔ 5.
```
for(int ix = 0; ix < first.length; ix++) {

boolean b = first[ix];
System.out.print(b+" ");
}
```

What does the preceding code fragment display?

false true true false

Given the following for loop:

```
for(int i = 0; i < 5; i++) {
int sum = 0;
sum += i;
System.out.print(sum + " ");
```

✔ 6.
```
}
```

What is the printed output of the preceding code?

0 1 2 3 4

```
int[] numbers = new int[10];
for(int ix = 0; ix < numbers.length; ix++) {
numbers[ix] = ix * 2;
}

int result = numbers[3];
```

✔ 7.

What is the value of result after this code executes?

6

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

String result = cities[3];
```

✔ 8. **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