

# Review Questions

LATEST SUBMISSION GRADE

100%

1. Which of the following is not a reserved word within the java language?

1 / 1 point

- ☐ for
- ☒ Class
- ☐ switch

✓ **Correct**

Feedback: Class is not a keyword. Java is case sensitive.

2. What does the following program do?

1 / 1 point

```
int x[] = {1,2,3,4,5,6,7,8,9};
```

```
for (int i : x) {
```

```
    if(i%2 == 0){
```

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

```
    }
```

```
}
```

- ☐ Prints out the number 0, nine times.
- ☐ Prints out the numbers 1 through 9
- ☐ Prints out the numbers 1,3,5,7, and 9
- ☒ Prints out the numbers 2,4,6, and 8

✓ **Correct**

Yes, we appreciate that it prints out the even numbers, one per line.

3. Which of the following is an incorrect syntax for a "for" loop?

1 / 1 point

- ☒ for(int z=10; z<20){}
- ☐ for(int z=10, y=30; z<y; z++, y--){}
- ☐ for(;;);
- ☐ for(int z=10; z<20; z++){}



**Correct**

Correct. This is invalid. There needs to be at least the ";" to delimit where the increment-step should be after the predicate.

4. What would be the output of the following program be?

1 / 1 point

```
String output = "";
int x = 2;
switch(x){
    case 1:
    case 2:
    case 3:
        output += "one,two,three,";
    case 4:
        output += "four,";
        break;
    case 5:
        output += "five,";
        break;
    default:
        output += "six";
        output += "six";
}
System.out.println(output);
```

- ☐ one, two, three,
- ☐ four,
- ☒ one, two, three, four
- ☐ six



**Correct**

Correct. Well done.

5. Which of the following is not a valid loop definition?

1 / 1 point

- ☐ do { } while (true);
- ☒ while (1) { }
- ☐ while (true) { }
- ☐ for (int i = 0; i < maximum; i++) { }



**Correct**

Correct. 1 is not a valid boolean value

6. How else could you clarify the following?

1 / 1 point

if (a < b && c > d)

- ☐ if [a < b] && {c > d}
- ☒ if ((a < b) && (c > d))
- ☐ if {(a < b) && (c > d)}



**Correct**

Correct.

7. Which of the following are logical operators? (Select all that apply).

1 / 1 point

☒ &&



**Correct**

Correct.

☒ ||



**Correct**

Correct.

☒ !



**Correct**

Correct.

☐ ==

☐ \*

8. Relational operators result in a \_\_\_\_\_ value.

1 / 1 point

- ☒ boolean
- ☐ mathematical
- ☐ relational

✓ **Correct**  
Correct.

9. True or False: The if statement works with the relational operators to execute a block of code ONLY if some condition is true.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**  
Correct.

10. Which statement causes an immediate exit from that structure when executed in a while, for, do-while, or switch structure?

1 / 1 point

- ☒ The break statement.
- ☐ the for-each loop
- ☐ The continue statement.

✓ **Correct**  
Correct.