✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

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 2,4,6, and 8

○ Prints out the numbers 1 through 9

○ Prints out the numbers 1,3,5,7, and 9

✓ **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; z<20; z++){}

○ for(;;);

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

✓ **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);
```

○ four,

○ one, two, three,

◉ one, two, three, four

○ six

✓ **Correct**
   Correct. Well done.

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5. Which of the following is not a valid loop definition?   1 / 1 point

   ○ for (int i = 0; i < maximum; i++) { }

   ○ do { } while (true);

   ○ while (true) { }

   ◉ while (1) { }

   ✓ **Correct**
      Correct. 1 is not a valid boolean value

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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.

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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.

○ mathematical

○ relational

◉ boolean

1 / 1 point

> ✓ **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.

◉ True

○ False

1 / 1 point

> ✓ **Correct**
>   Correct.

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

○ the for-each loop

◉ The break statement.

○ The continue statement.

1 / 1 point

> ✓ **Correct**
>   Correct.