



Java Quiz: Chapter 3

Guidelines: Answer the questions below by ticking the box next to the correct response(s) to each question. Be sure to check your answers to ensure that they are correct.

1. What would be the output of this statement?

```
int x = 4;
if(x > 4){
    System.out.println("hello: " + x);
}
```

Choose one answer.

- ☐ A. hello: x
- ☒ **B. [nothing would be printed to the command-line]**
- ☐ C. hello: 4
- ☐ D. hello

2. What would be the output of this statement?

```
int y = 10;
if(y > 4){
    System.out.println("More than 4");
}
if(y > 6){
    System.out.println("More than 6");
}
```

Choose one answer.

- ☒ **A. More than 4
More than 6**
- ☐ B. [nothing would be printed to the command-line]
- ☐ C. More than 4
- ☐ D. More than 6

3. What would be the output of this statement?

```
int z = 3;
if(z >= 4){
    System.out.println("Salt");
}else{
    System.out.println("Pepper");
}
```

Choose one answer.

- ☐ A. [nothing would be printed to the command-line]
- ☐ B. Salt & Pepper
- ☒ **C. Pepper**
- ☐ D. Salt

4. What would be the output of this statement?

```
int w = 12;
if(w > 4){
    System.out.println("Tomato");
} else if(w > 10){
    System.out.println("Cucumber");
}
}else{
    System.out.println("Onion");
}
```

Choose one answer.

- ☒ **A. Tomato**
- ☐ B. Cucumber
- ☐ C. Onion
- ☐ D. [nothing would be printed to the command-line]

5. When adding a second condition to an IF statement, what is the symbol used to represent and?

Choose one answer.

- ☐ A. ++
- ☐ B. ||
- ☒ **C. &&**
- ☐ D. \$\$

6. When adding a second condition to an IF statement, what is the symbol used to represent or?

Choose one answer.

- ☐ A. ++
- ☒ **B. ||**
- ☐ C. &&
- ☐ D. \$\$

7. What would be the output of this statement?

```
String myWord = "B";
switch(myWord){
    case "A":
        System.out.println("Cup");
        break;
    case "B":
        System.out.println("Beaker");
        break;
}
```

Choose one answer.

- ☐ A. Cup
- ☒ **B. Beaker**

8. In Java, what symbol is used to add comments to code?

Choose one answer.

- ☐ A. \
- ☐ B. /
- ☐ C. \\
- ☒ D. //

9. What are the benefits of using comments in code?

Choose at least one answer.

- ☒ A. **Enables other programmers to follow code written by others**
- ☒ B. **Can record the author details of a program**
- ☐ C. Improves the execution time of code
- ☒ D. **Can indicate the date of previous amendments made**

10. What would be the output of this statement?

```
int q = 20;
if(q < 10 ){
    System.out.println("Red");
} else if(q < 20){
    System.out.println("Blue");
}
else if(q < 30){
    System.out.println("Green");
}
}else{
    System.out.println("Pink");
}
```

Choose one answer.

- ☐ A. Red
- ☐ B. Blue
- ☒ C. **Green**
- ☐ D. Pink