1. **Challenge (2 points extra credit on next quiz):**
   a. Write a program to swap two integers *without* creating any temporary variable.
   
   b. What error does this solution potentially introduce, compared to the more standard version that uses a temporary variable?

2. Fill in the following program so that it prints ‘A’ if the grade was 8 to 10, ‘B’ if it was 6 to 7, ‘C’ if it was 4 to 5, and ‘F’ otherwise.

```java
import java.util.Scanner;

public class LetterGrade {
    public static void main(String [] args) {
        System.out.println("Enter homework grade:’");
        ...
    }
}
```

3. Fill in the following program so that it reads three ints. It should print “true” if the first int is divisible by the next two ints, and false otherwise.

```java
import java.util.Scanner;

public class Divisible {
    public static void main(String [] args) {
        System.out.println("Enter three integers:’");
        ...
    }
}
```
4. What is the value of the following expressions?

\[
\begin{align*}
7 &= 17 \% 10 \\
4.0 &= 1 + 2 \\
2 &!= 1 + 1 \\
1 &< 0 \\
7 &= "7" \\
5 &< 7 || 5 > 7 \\
\text{true} &\& !(5 - 1 >= 3)
\end{align*}
\]

5. What Java expression would you write to compute the following?
Assume the following variables have already been declared and initialized:

- ints i and j,
- doubles d and e,
- booleans b and c.

\[
\begin{align*}
i &> 10 \\
d &!= e \\
d &\& e > j \\
b &\| c &\& \text{false}
\end{align*}
\]