1. What is the value of each expression?
   a) 10.0 + 2 / 3

   b) 238 / 100 + 238 % 10

2. Consider the following code segment:
   ```java
   int a = 7;
   int b = 3;
   b = a + b;
   b = b – a;
   a = b – a;
   ```

   What are the values of variables a and b after this code executes?

3. What is the output of the following code segment?
   ```java
   double answer = (4 + 5 + 6) / 10;
   System.out.println("The answer is: " + answer);
   ```