1. **Changing variable values**

   (a) Consider this code:

   ```
   k = 5
   ```

   Write an assignment statement that creates a new variable `j` that refers to three times `k`'s value:

   _____

   (b) Consider this code:

   ```
   x = 4
   y = 5
   x = 2
   ```

   After the code above is executed, to which value does `x` refer? _____

   After the code above is executed, to which value does `y` refer? _____

   (c) Consider this code:

   ```
   x = 4
   y = x + 2
   x = y + 1
   ```

   After the code above is executed, to which value does `x` refer? _____

   After the code above is executed, to which value does `y` refer? _____

2. **Swapping variable values** *An extra exercise to try at home.*

   Assume that variables `a` and `b` have been assigned `int` values. Write code to swap which values `a` and `b` refer to: after your statements are executed, `a` should refer to the value that `b` used to refer to, and `b` should refer to the value that `a` used to refer to. Hint: use a third variable.

   Once you have written the code, trace your code using the memory model to confirm that it correctly swaps the values: