

What is returned by the following segments: a positive value, negative value, or zero?

- \_\_\_\_\_ 1. "Jane".compareTo("Fred");
- \_\_\_\_\_ 2. "Zebra".compareTo("apple");
- \_\_\_\_\_ 3. "IBM".compareTo("IBM");
- \_\_\_\_\_ 4. "aardvark".compareTo("apple");
- \_\_\_\_\_ 5. "java".compareTo("javadoc");

6. Write an `if` statement that displays "greater than" if the `String` variable `name` is alphabetically greater than "Melanie". You can assume that `name` begins with an uppercase letter.

7. Write an `if` statement that displays "no" if the `String` variable `name` is not the string literal "Amanda" or "Bonnie".

8. What is the output of the following code segment?

```
String name = null;

if (!(name.equals("Bill")))
{
    System.out.println("Hi Bill");
}
```