

What is returned by the following expressions: 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");
}
```