

## CS109 2025S Quiz #2

1. Your student ID? \*

For example, 11900000

2. Your name? \*

3. Each Java object has its own copy of instance variables. \*

☒ True

☐ False

4. An instance variable declared to be private is not even accessible within the same class. \*

☐ True

☒ False

5. Can the following code be compiled successfully? `public class Test { public static void main(String[] args) { Test t = new Test(); } public Test(int a) { } }` \*

☐ Yes

☒ No

6. In Java, any data type that does not belong to the following set is a reference type. { byte, short, int, long, double, float, char, boolean} \*

☒ True

☐ False

7. Java programmers must explicitly provide a constructor for each class. \*

☐ True

☒ False

8. Arrays are reference types in Java. \*

☒ True

☐ False

9. In Java, static method arguments are passed by references and instance method arguments are passed by values. \*

☐ True

☒ False

10. In Java, String objects are immutable, meaning that their values cannot be changed after they are created. \*

☒ True

☐ False

11. In Java, constructors cannot be overloaded. \*

☐ True

☒ False