CS109 2025S Quiz #4

1.Your student ID? *

For example, 11900000

_____

2.Your name? *

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_____

3.Abstract classes cannot have constructors. *

○ True

○ False

4.Calls to static methods are resolved at compile time. *

○ True

○ False

5.Calls to instance methods are resolved at runtime. *

○ True

○ False

6.Final methods cannot be overriden, so the resolution of their calls is at compile time. *

○ True

○ False

7.In Java, a class can have references to objects of other classes as members. What do we call such a class relationship? *

○ Is-a relationship

○ Has-a relationship

8.Methods in an abstract class can be all concrete ones. *

○ True

○ False

9.An abstract class cannot have a main method.
*

○ True

○ False

10.An interface in Java does not have a constructor. *

○ True

○ False

11.An interface can be used to define common behaviors for objects of unrelated classes.
*

○ True

○ False