Recall Quiz Day 9

1. Why can interfaces always lead to 100% abstraction, but abstract classes may or may not?

abstract classes can have non abstract methods

interfaces can have final variables, abstract classes can not

interface can provide the implementation of abstract methods

abstract classes can only have static & final variables

2. Which of the following is false about protected members?

They are accessible by the classes of the same package

They are accessible by the sub-classes of the same package

classes can not be declared protected

all options seem to be true

3. Which of the following is false about packages?

a package can have only one class file

a package can have sub packages

package name & directory name are same

a specific class of a package can be imported using the dot operator

4. Which of the following is not true for runtime polymorphism ?

methods of child and parent class must have the same name

can not override static methods

can override final methods

cannot override the private methods of a parent class

5. An interface method can not have \_\_\_\_\_ modifier:

abstract

static

protected

default