The modifiers of `foo1` and `foo2` are the same.

Does the code compile?
If not, why?
If yes, is there a runtime error?
If yes, why?
Otherwise, what is the output?

**Exception Settings:**
"unhandled exception type Exception"

Consider the following class hierarchy:

```java
interface Animal {
}
class Dog implements Animal {
}
class Poodle extends Dog {
}
class Labrador extends Dog {
}
```

Which of the following lines (if any) will not compile?
- Poodle poodle = new Poodle();
- Animal animal = (Animal) poodle;
- Dog dog = new Labrador();
- animal = dog;
- poodle = dog;

```java
class A {
    public void print() {
        System.out.println("A");
    }
}
```

```java
class B extends A implements C {
}
interface C {
    void print();
}
```
The inherited package method A.print() cannot hide the public abstract method in C.

```
class A {
    public void print() {
        System.out.println("A");
    }
}

class B extends A implements C {
    public void print() {
        System.out.println("B");
    }
}

interface C {
    abstract void print();
}
```

The inherited package method A.print() cannot hide the public abstract method in C.

```
public class A {
    public void print() {
        System.out.println("A");
    }
}

class B extends A implements C {
    public void print() {
        System.out.println("B");
    }
}

interface C {
    abstract void print();
}
```

The inherited package method A.print() cannot hide the public abstract method in C.

```
class A {
    public void print() {
        System.out.println("A");
    }
}

class B extends A implements C {
    public void print() {
        System.out.println("B");
    }
}

interface C {
    abstract void print();
}
```

The inherited package method A.print() cannot hide the public abstract method in C.
public class A {
  private void foo() { System.out.println("A.foo()"); }
  public void bar() { System.out.println("A.bar()"); }
}

public class B extends A {
  public void foo() { System.out.println("B.foo()"); }
  public static void main(String[] args) {
    A a = new B();
    a.bar();
  }
}

public class C extends B {
  public void foo() {}
}

What is the output?

public class D {
  protected String s = new String("x");
  public String get() { return s; }
}

public class E {
  String protected s = new String("x");
  public String get() { return s; }
}

What is the output?
 responseBody: 

```java
public class Test {
    public int a = 0;
    private int b = 1;
    public void foo(final int c) {
        int d = 2;
        class InnerTest {
            private void bar(int e) {
            }
        }
    }
}
```

Which variables from a to e are accessible from the highlighted line?

Examination in Print:

- Examination will include all the topics we reviewed during the semester (lectures, tutorials, and homework assignments).
- Java, DBC, Inheritance and Polymorphism, Iterator, IO, Generics, Collection Framework, ... ...
- Closed material
- Solve as many exams as possible
- Not all semesters are equal in terms of material
- Practice writing code on paper