

InClass Exercise 7.4

1. What happens when the following code is compiled/run from the main method?

<pre>public interface Iface1 { default int myMethod(int x) { return 2 * x; } } public interface Iface2 { default int myMethod(int x) { return 2 * x; } }</pre>	<pre>public class Impl implements Iface1, Iface2 { } public class Main { public static void main(String[] args) { Impl ob = new Impl(); System.out.println(ob.myMethod(2)); } }</pre>
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- A. Compiler error
- B. Runtime error
- C. 4 is printed to the console

2. What happens when the following code is compiled/run from the main method?

<pre>public interface Iface1 { default int myMethod(int x) { return 2 * x; } } public interface Iface2 { public int myMethod(int x); }</pre>	<pre>public class Impl implements Iface1, Iface2 { } public class Main { public static void main(String[] args) { Impl ob = new Impl(); System.out.println(ob.myMethod(2)); } }</pre>
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- A. Compiler error
- B. Runtime error
- C. 4 is printed to the console

3. What happens when the following code is compiled/run from the main method?

<pre>public interface Iface1 { default int myMethod(int x) { return 2 * x; } } public interface Iface2 { static int myMethod(int x) { return x + 1; } }</pre>	<pre>public class Impl implements Iface1, Iface2 { } public class Main { public static void main(String[] args) { Impl ob = new Impl(); System.out.println(ob.myMethod(2)); } }</pre>
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- A. Compiler error
- B. Runtime error
- C. 4 is printed to the console