InClass Exercise 7.4

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

```
public interface Iface1 {
    default int myMethod(int x) {
        return 2 * x;
    }
}
public interface Iface2 {
    default int myMethod(int x) {
        return 2 * x;
    }
}
```

```
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));

    }
}
```

   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?

```
public interface Iface1 {
    default int myMethod(int x) {
        return 2 * x;
    }
}
public interface Iface2 {
    public int myMethod(int x);
}
```

```
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));

    }
}
```

   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?

```
public interface Iface1 {
    default int myMethod(int x) {
        return 2 * x;
    }
}
public interface Iface2 {
    static int myMethod(int x) {
        return x + 1;
    }
}
```

```
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));

    }
}
```

   A. Compiler error
   B. Runtime error
   C. 4 is printed to the console