

```
module-info.... × shape.java Bike.java Main.java × *Main2.java 15
1 package myfirstproject;
firstjavaproject/src/module-info.java
3     void makeSound();
4 }
5 class Dog implements Animal {
6     public void makeSound() {
7         System.out.println("bow");
8     }
9 }
10 class Cat implements Animal {
11     public void makeSound() {
12         System.out.println("Meow");
13     }
14 }
15
16 class Cow implements Animal {
17     public void makeSound() {
18         System.out.println("Moo");
19     }
20 }
21
22 public class Main {
23     public static void main(String[] args) {
24         Animal dog = new Dog();
25         Animal cat = new Cat();
26         Animal cow = new Cow();
27         dog.makeSound();
28         cat.makeSound();
29         cow.makeSound();
30     }
}

Problems @ Javadoc Declaration Console ×
<terminated> Main2 [Java Application] C:\Users\kompe\.p2\pool\plugins\org.eclipse.justj.oper
Boat engine started.
Vehicle is ready.
Boat is anchored.
Boat is anchored.
Boat engine started.
Boat is anchored.
```

```

1 package myfirstproject;
2 abstract class Vehicle {
3     abstract void startEngine();
4     public void display() {
5         System.out.println("Vehicle is ready.");
6     }
7 }
8 class Car extends Vehicle {
9     void startEngine() {
10         System.out.println("Car engine started.");
11     }
12 }
13 class Boat extends Vehicle {
14     void startEngine() {
15         System.out.println("Boat engine started.");
16     }
17     public void anchor() {
18         System.out.println("Boat is anchored.");
19     }
20 }
21 public class Main2 {
22     public static void main(String[] args) {
23         Vehicle myCar = new Car();
24         myCar.startEngine();
25         myCar.display();
26         Vehicle myBoat = new Boat();
27         myBoat.startEngine();
28         myBoat.display();
29         ((Boat) myBoat).anchor();
30         if (myBoat instanceof Boat) {
31             ((Boat) myBoat).anchor();
32         }
33         Boat myBoat2 = new Boat();
34         myBoat2.startEngine();
35         myBoat2.anchor();
36     }
37 }

```

Problems @ Javadoc Declaration Console ×

<terminated> Main2 [Java Application] C:\Users\kompe\p2\pool\plugins\org.eclipse.justj.openjdk

```

Car engine started.
Vehicle is ready.
Boat engine started.
Vehicle is ready.
Boat is anchored.
Boat is anchored.
Boat engine started.
Boat is anchored.

```