



< inheritanceVariableSyntax</p>
Main Page → Problems → Solve a Problem
CarTruck2 >

O BJP4 Self-Check 9.8: CarTruck

```
Language/Type: 

Java <u>classes inheritance mystery</u>

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```

Consider the following two classes:

```
public class Car {
    public void m1() {
        System.out.println("car 1");
    }

    public void m2() {
        System.out.println("car 2");
    }

    public String toString() {
        return "vroom";
    }
}

public class Truck extends Car {
    public void m1() {
        System.out.println("truck 1");
    }
}
```

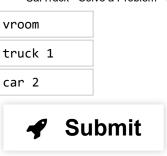
And assuming that the following variables have been declared:

```
Car mycar = new Car();
Truck mytruck = new Truck();
```

What is the output from the following statements?

Sound F/X

mytruck.m1();
mytruck.m2();



Go to the next problem: CarTruck2

#	question	your answer	result
1	<pre>System.out.println(mycar);</pre>	vroom	pass
2	mycar.m1();	car 1	pass
3	mycar.m2();	car 2	pass
4	<pre>System.out.println(mytruck);</pre>	vroom	pass
5	<pre>mytruck.m1();</pre>	truck 1	pass
6	<pre>mytruck.m2();</pre>	car 2	⊘ pass

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