

[< HarvardLawyer](#)[Main Page](#) → [Problems](#) → **Solve a Problem**[MinMaxAccount >](#) Show Header

○ BJP4 Exercise 9.4: MonsterTruck

Language/Type:  Java [classes](#) [implementing inheritance](#) [instance methods](#)

Related Links: [Car.java](#)

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Suppose that the following two classes have been declared:

```
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");
    }

    public void m2() {
        super.m1();
    }

    public String toString() {
        return super.toString() + super.toString();
    }
}
```

Write a class `MonsterTruck` whose methods have the behavior below. Don't just print/return the output; whenever possible, use inheritance to reuse behavior from the superclass.

Method	Output/Return
m1	monster 1
m2	truck 1 car 1
toString	"monster vroomvroom"

Type your solution here:

```

1 public class MonsterTruck extends Truck {
2     public void m1() {
3         System.out.println("monster 1");
4     }
5     public void m2() {
6         super.m1();
7         super.m2();
8     }
9     }
10    public String toString() {
11        return "monster " + super.toString();
12    }
13
14
15 }
```

This is an **inheritance** problem. Write a Java class using inheritance. (You do not need to write any import statements.)



4

Indent

- ☐ Sound F/X
☒ Highlighting



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test #1: m1

console output: monster 1

result: ✔ pass

test #2: m2

console output: truck 1
car 1

result: ✔ pass

test #3: toString

console output: "monster vroomvroom"
"monster vroomvroom"

result:  pass

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