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⚪ BJP4 Self-Check 9.10: inheritanceVariableSyntax

Language/Type: ☕ Java <u>classes</u> <u>inheritance</u> <u>syntax</u> <u>variables</u>
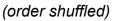**Author:**   Marty Stepp (on 2016/09/08)

Consider the following classes:

```java
public class Vehicle {...}
public class Car extends Vehicle {...}
public class SUV extends Car {...}
```

Which of the following are legal statements?   ☐ Sound F/X

a. ☐ Car c = new Vehicle();
b. ☑ Car c = new SUV();
c. ☐ SUV s = new Car();
d. ☑ Vehicle v = new Car();
e. ☑ SUV s = new SUV();
f. ☑ Vehicle v = new SUV();
(order shuffled)

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⊘ You passed 1 of 1 tests.

Go to the next problem: CarTruck

question #1:	Which of the following are legal statements?
your answer:	Car c = new SUV();

Vehicle v = new Car();
SUV s = new SUV();
Vehicle v = new SUV();

result: ⊘ pass

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