# Using Getter Methods, An Example

class CarTest6 {  
  
 public static void main(String args[]) {  
   
 Car c = new Car();  
   
 c.setLicensePlate("New York A45 636");  
 c.setMaximumSpeed(123.45);  
   
 System.out.println(c.getLicensePlate() + " is moving at "   
 + c.getSpeed() + " kilometers per hour.");  
  
 for (int i = 0; i < 15; i++) {  
 c.accelerate(10.0);   
 System.out.println(c.getLicensePlate() + " is moving at "   
 + c.getSpeed() + " kilometers per hour.");  
 }  
  
 }  
   
}

**There's no longer any direct access to fields!**

Here's the output:

utopia% java CarTest6  
New York A45 636 is moving at 0.0 kilometers per hour.  
New York A45 636 is moving at 10.0 kilometers per hour.  
New York A45 636 is moving at 20.0 kilometers per hour.  
New York A45 636 is moving at 30.0 kilometers per hour.  
New York A45 636 is moving at 40.0 kilometers per hour.  
New York A45 636 is moving at 50.0 kilometers per hour.  
New York A45 636 is moving at 60.0 kilometers per hour.  
New York A45 636 is moving at 70.0 kilometers per hour.  
New York A45 636 is moving at 80.0 kilometers per hour.  
New York A45 636 is moving at 90.0 kilometers per hour.  
New York A45 636 is moving at 100.0 kilometers per hour.  
New York A45 636 is moving at 110.0 kilometers per hour.  
New York A45 636 is moving at 120.0 kilometers per hour.  
New York A45 636 is moving at 123.45 kilometers per hour.  
New York A45 636 is moving at 123.45 kilometers per hour.  
New York A45 636 is moving at 123.45 kilometers per hour.

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