```java
 1  package Chapter06;
 2
 3  public class Car {
 4      // 필드
 5      private double speed;
 6      private String color;
 7      private static final double MAX_SPEED = 200.0;
 8
 9      // 생성자
10      public Car() {
11      }
12
13      public Car(String color) {
14          this.color = color;
15      }
16
17      // 메소드
18      // 자동차색깔
19      public String getColor() {
20          return color;
21      }
22
23      public void setColor(String color) {
24          this.color = color;
25      }
26
27      // 자동차속도
28      public double getSpeed() {
29          return speed;
30      }
31
32      public void setSpeed(double speed) {
33          this.speed = speed;
34      }
35
36      public boolean speedUp(double speed) {
37          if ((speed + this.speed) >= 0 && speed + this.speed <=
  MAX_SPEED) {
38              this.speed += speed;
39              return true;
40          } else {
41              return false;
42          }
43      }
44
45      static double getMaxSpeed() {
46          return MAX_SPEED;
47      }
48
49      public String toString() {
50          return String.format("%d", speed);
```

```
51      }
52
53 }
54
```