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package pratique3;

import java.util.Random;

public class vehicules {
    protected String brand;
    protected String GetBrand() {
        return this.brand;
    }
    protected void SetBrand(String brand) {
        if(brand == null || brand.isEmpty()) {
            throw new IllegalArgumentException("Brand cannot be null or
empty");
        }
        this.brand = brand;
    }

    protected String color;
    protected String GetColor() {
        return this.color;
    }
    protected void SetColor(String color) {
        if(color == null || color.isEmpty()) {
            throw new IllegalArgumentException("Color cannot be null or
empty");
        }
        this.color = color;
    }

    protected int currentSpeed(){
        Random rand = new Random();
        return rand.nextInt(101);
    };

    protected void ShowInfo(){
        System.out.println("Brand: " + this.GetBrand());
        System.out.println("Color: " + this.GetColor());
    };

    protected vehicules(String brand, String color) {
        this.SetBrand(brand);
        this.SetColor(color);
    }

    public static void main(String[] args) {
        vehicules v = new vehicules("BMW", "Black");
        System.out.println("Speed: " + v.currentSpeed());
        v.ShowInfo();

        car c = new car("Koenigsegg", "Silver", 2);
        System.out.println("Speed: " + c.currentSpeed());
        c.ShowInfo();
    }
}
```