public class Car {

   private int yearModel;  
   private String make;  
   private int speed;  
    
    
    
   public Car(int yearModel, String make) {  
       this.yearModel = yearModel;  
       this.make = make;  
       this.speed = 0;  
   }

public void accelerated()  
{  
   speed+=5;  
}  
    
public void brake()  
{  
   speed-=5;  
}  
   public int getYearModel() {  
       return yearModel;  
   }

   public void setYearModel(int yearModel) {  
       this.yearModel = yearModel;  
   }

   public String getMake() {  
       return make;  
   }

   public void setMake(String make) {  
       this.make = make;  
   }

   public int getSpeed() {  
       return speed;  
   }

   public void setSpeed(int speed) {  
       this.speed = speed;  
   }

   public static void main(String;[] args) {  
        
       Car car=new Car(2012,"BMW");  
       System.out.println("Car is a "+car.getYearModel()+" "+car.getMake());  
       car.accelerated();  
       System.out.println("Speed : "+car.getSpeed());  
       car.accelerated();  
       System.out.println("Speed : "+car.getSpeed());  
       car.accelerated();  
       System.out.println("Speed : "+car.getSpeed());  
       car.accelerated();  
       System.out.println("Speed : "+car.getSpeed());  
       car.accelerated();  
       System.out.println("Speed : "+car.getSpeed());  
        
       car.brake();  
       System.out.println("Speed : "+car.getSpeed());  
       car.brake();  
       System.out.println("Speed : "+car.getSpeed());  
       car.brake();  
       System.out.println("Speed : "+car.getSpeed());  
       car.brake();  
       System.out.println("Speed : "+car.getSpeed());  
       car.brake();  
       System.out.println("Speed : "+car.getSpeed());

   }

}

**class Car {**

**private int yearModel;**

**private String make;**

**private int speed;**

**public Car(int yearModel, String make) {**

**this.yearModel = yearModel;**

**this.make = make;**

**speed = 0;**

**}**

**public int getYearModel() {**

**return yearModel;**

**}**

**public String getMake() {**

**return make;**

**}**

**public int getSpeed() {**

**return speed;**

**}**

**public void accelerate() {**

**speed += 5;**

**}**

**public void brake() {**

**speed -= 5;**

**}**

**}**

**class CarTest {**

**public static void main(String[] args) {**

**Car car = new Car(2020, "Ferrari");**

**for (int i = 0; i < 5; i++) {**

**car.accelerate();**

**System.out.println("After accelerating speed of the car is " + car.getSpeed());**

**}**

**for (int i = 0; i < 5; i++) {**

**car.brake();**

**System.out.println("After braking speed of the car is " + car.getSpeed());**

**}**

**}**

**}**