

231219 (예제 Car, TV,)

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<http://blog.naver.com/sophia2164/223297609546>

```
CarExmpl.java x
11      System.out.println("car2.model : " + car2.model);
12
13      Car car3 = new Car( model: "My Car", color: "red");
14      System.out.println("car3.company : " + car3.company);
15      System.out.println("car3.model : " + car3.model);
16      System.out.println("car3.model : " + car3.color);
17
18      Car car4 = new Car( model: "TEXI", color: "black", maxSpeed: 200);
19      System.out.println("car4.company : " + car4.company);
20      System.out.println("car4.model : " + car4.model);
21      System.out.println("car4.company : " + car4.color);
22      System.out.println("car4.maxSpeed : " + car4.maxSpeed);
23
```

```

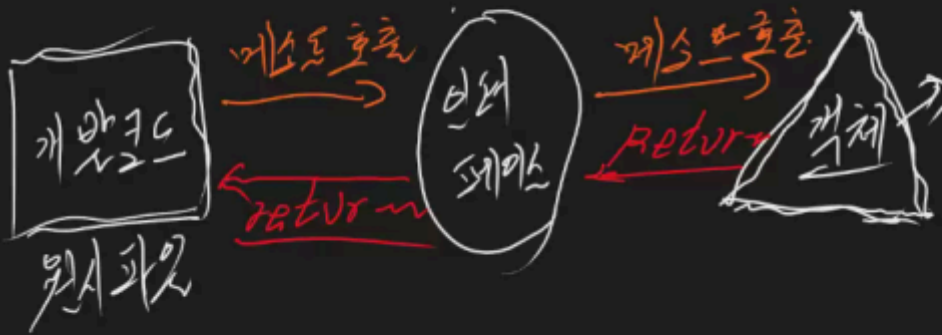
Car.java
1 package obj.JavaExm12_19_01;
2 public class Car {
3     String company = "kia";
4     String model;
5     String color;
6     int maxSpeed;
7     Car(){}
8     Car(String model){
9         this.model=model;
10    }
11    Car(String model, String color){
12        // String model 을 넣어쓰워버린다.
13        this.model=model;
14        this.color=color;
15    }
16    Car(String model, String color, int maxSpeed){
17        this.model = model;
18        this.color = color;
19        this.maxSpeed = maxSpeed;
20    }
21 }

CarExample.java
1 package obj.JavaExm12_19_01;
2 public class CarExample {
3     public static void main(String[] args) {
4         Car car1 = new Car();
5         System.out.println("car1.company: "+ car1.company);
6         System.out.println();
7
8         Car car2 =new Car( model: "My Car");
9         System.out.println("car2.company: "+car2.company);
10        System.out.println("car2.model: "+car2.model);
11
12        Car car3 =new Car( model: "My Car", color: "red");
13        System.out.println("car3.company: "+ car3.company);
14        System.out.println("car3.model: "+ car3.model);
15        System.out.println("car3.color: "+ car3.color);
16
17        Car car4 =new Car( model: "Convertible", color: "blue", maxSpeed: 200);
18        System.out.println("car4.company: " + car4.company);
19        System.out.println("car4.model: "+ car4.model);
20        System.out.println("car4.color: "+ car3.color);
21        System.out.println("car4.maxSpeed: "+ car4.maxSpeed);
22    }
23 }

Run
C:\Program Files\Java\jdk-17\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.1\lib\idea_rt.jar=5...
car1.company: kia
car2.company: kia
car2.model: My Car
car3.company: kia
car3.model: My Car
car3.color: red
car4.company: kia
car4.model: Convertible
car4.color: red
car4.maxSpeed: 200
  
```

	직용대상	접근할수있는 class
public	클래스, 필드, 생성자, 메소드	모든 곳, 다 접근 가능. 공개
protected	필드, 생성자, 메소드	자식클래스만 접근 가능, 다른 패키지 클래스 접근 X
default	클래스, 필드, 생성자, 메소드	같은 패키지 내 클래스만 접근 가능
private	필드, 생성자, 메소드	같은 클래스 내 접근

interface
"객체간 호환성 증명"



```

Exm.java x
14         } else {
15             System.out.println("무음해제");
16         }
17     }
18
19     no usages
20     static void changeBatterey(){
21         System.out.println("배터리 교체");
22     }
23
24
25
26
27
28

```

New Java Class

- Class
- Interface
- Record
- Enum
- Annotation