



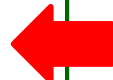


# オブジェクト指向技術

小テスト (2023年6月2日)  
9:50-10:05

```
class Book {  
    private String title;  
    private int price;  
  
    Book(String title, int price) {  
        this.title = title;  
        this.price = price;  
    }  
    Book(String title) {  
        this(title, 1000);  
    }  
    void setPrice(int p) {  
        price = p;  
    }  
    String getInfo() {  
        return title + ":" + price;  
    }  
}
```

```
public class Quiz1 {  
    public static void main(String[] args) {  
        Book book1 = new Book("X", 3500);  
        System.out.println(book1.getInfo()); // (1)   
  
        Book book2 = new Book("Y");  
        book2.setPrice(2400);  
        System.out.println(book2.getInfo()); // (2)   
  
        Book book3 = book1;  
        System.out.println(book3.getInfo()); // (3)   
        book1.setPrice(3000);  
        System.out.println(book3.getInfo()); // (4)   
  
        book3 = book2;  
        book3.setPrice(2200);  
        System.out.println(book2.getInfo()); // (5)   
    }  
}
```

```

class Book {
    private String title;
    private int price;

    Book(String title, int price) {
        this.title = title;
        this.price = price;
    }
    Book(String title) {
        this(title, 1000);
    }
    void setPrice(int p) {
        price = p;
    }
    String getInfo() {
        return title + ":" + price;
    }
}

```

```

public class Quiz1 {
    public static void main(String[] args) {
        Book book1 = new Book("X", 3500);
        System.out.println(book1.getInfo()); X: 3500

        Book book2 = new Book("Y");
        book2.setPrice(2400);
        System.out.println(book2.getInfo()); Y: 2400

        Book book3 = book1;
        System.out.println(book3.getInfo()); X: 3500
        book1.setPrice(3000);
        System.out.println(book3.getInfo()); X: 3000

        book3 = book2;
        book3.setPrice(2200);
        System.out.println(book2.getInfo()); Y: 2200
    }
}

```