

## オブジェクト指向プログラミング No.8

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ソースコード

BookInfo.java

```
public class BookInfo{

    protected String author;

    protected String title;

    protected String publisher;

    protected int pYear;


    public BookInfo(String author, String title, String publisher, int
pYear){

        this.author = author;

        this.title = title;

        this.publisher = publisher;

        this.pYear = pYear;
```

```
}
```

```
public void setAuthor(String author){
```

```
    this.author = author;
```

```
}
```

```
public void setTitle(String title){
```

```
    this.title = title;
```

```
}
```

```
public void setPublisher(String publisher){
```

```
    this.publisher = publisher;
```

```
}
```

```
public void setPYear(int pYear){
```

```
    this.pYear = pYear;
```

```
}
```

```
public String getAuthor(){
```

```
    return author;
```

```
}
```

```
public String getTitle(){
```

```
    return title;
```

```
}
```

```
public String getPublisher(){
```

```
    return publisher;
```

```
}
```

```
public int getPYear(){
```

```
    return pYear;
```

```
    }

    public void showBook(){

        System.out.println("著者名: " + author);

        System.out.println("題名: " + title);

        System.out.println("出版社: " + publisher);

        System.out.println("出版年: " + pYear);

    }

}
```

BookInfoTester.java

```
public class BookInfoTester{

    public static void main(String[] args){

        BookInfo a1 = new BookInfo("夏目漱石", "坊ちゃん", "春陽堂", 1907);

        BookInfo a2 = new BookInfo("森鷗外", "舞姫", "民友社", 1890);

    }

}
```

```
        BookInfo a3 = new BookInfo("永井荷風", "あめりか物語", "博  
文館", 1908);  
  
        BookInfo a4 = new BookInfo("村上瀧", "五分後の世界", "幻冬  
舎", 1994);  
  
        BookInfo a5 = new BookInfo("村上春樹", "1Q84", "新潮社",  
2004);  
  
        a1.showBook();  
  
        a2.showBook();  
  
        a3.showBook();  
  
        a4.showBook();  
  
        a5.showBook();  
  
    }  
}
```

実行結果

```
gotouwatarusMBP:No.8 gotouwataru$ java BookInfoTester
```

著者名: 夏目漱石

題名: 坊ちゃん

出版社: 春陽堂

出版年: 1907

著者名: 森鷗外

題名: 舞姫

出版社: 民友社

出版年: 1890

著者名: 永井荷風

題名: あめりか物語

出版社: 博文館

出版年: 1908

著者名: 村上瀧

題名: 五分後の世界

出版社: 幻冬舎

出版年: 1994

著者名: 村上春樹

題名: 1Q84

出版社: 新潮社

出版年: 2004