

48

Create a class Book which contains four members: name, author, price, numPages. Include a constructor to set the values for the members. Include methods to set and get the details of the objects. Include a toString() method that would display the complete details of the book. Develop a Java program to create n book objects.

```
import java.util.*;
```

```
class Book
```

```
{
```

```
String name;
```

```
String author;
```

```
int price;
```

```
int numPages;
```

```
public Book(String name, String author, int price, int numPages)
```

```
{
```

```
this.name = name;
```

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

```
this.price = price;
```

```
this.numPages = numPages;
```

```
}
```

```
public void set(String name, String author,
```

```
int price)
```

```
{ this.name = name;
```

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

```
this.price = price;
```

```
this.numPages = numPages;
```

```
}
```

```
public String toString()
```

```
{  
    String name = "Book name :" + this.name + "\n";
```

```
    String author = "Author :" + this.author + "\n";
```

```
    String price = "price :" + this.price + "\n";
```

```
    String numPages = "Number of pages :" + this.
```

```
        numPages + "\n";
```

```
    return name + author + price + numPages;
```

```
}
```

```
} public String getName()
```

```
{ return this.name; }
```

```
public String author()
```

```
{ return this.author; }
```

```
public int getNumberOfPages()
```

```
{ return this.numPages; }
```

```
}
```

```
public class book_main
```

```
{
```

```
public static void main(String args[])
```

```
{
```

```
Scanner s = new Scanner(System.in);  
int n;
```

```
String name;
```

```
String author;
```

```
int price;
```

```
int numPages;
```

```
System.out.println("Enter the number of books");
```

```
n = s.nextInt();
```

```
Books b[];
```

```
b = new Books[n];
```

```
for (int i = 0; i < n; i++)
```

```
{ System.out.println("Enter the name");
```

```
name = s.next();
```

System.out.println("Enter the author");
author = sc.nextLine();

System.out.println("Enter the price");
price = sc.nextInt();

System.out.println("Enter the number of pages");
numPages = sc.nextInt();

b[3] = new Books(name, author, price, numPages);

for (int i = 0; i < n; i++)

System.out.println(b[i].toString());

}

}

Output:

Enter number of pages

2

Enter the name

book1

Enter the author

author1

Enter the price

50

Enter the number of pages

100

Enter the name

book2

Enter the author

author2

Enter the price

100

Enter the number of pages

200

Book name: Book 1

Author name: Author 1

price: 50

Number of pages: 100

Book name: Book 2

Author name: Author 2

price: 100

Number of pages: 200

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