

Create a class Book which contains four members : name, author, price, num-pages. Include a constructor to set the values for the members. Include a toString() method that could display the complete details of book. Develop a JAVA program to create n book objects.

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

```
class Book {
```

```
    String name;
```

```
    String author;
```

```
    double price;
```

```
    int num-pages;
```

```
    Scanner in = new Scanner(System.in);
```

```
    book() {
```

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

```
        name = in.nextLine();
```

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

```
        author = in.nextLine();
```

```
        System.out.println("Enter price of the book");
```

```
        price = in.nextDouble();
```

```
        System.out.println("Enter no. of pages in book");
```

```
        num-pages = in.nextInt();
```

```
    }
```

```
    public String toString() {
```

```
        return ("Book name : " + name + " Author : " + author + " Price : " +  
                price + " Number of pages : " + num-pages);
```

```
    }
```

```
}
```

```
class bookdetail {
```

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

```
        int i, n;
```

```
        Scanner in = new Scanner(System.in);
```

```

System.out.println("Enter no of objects to be created");
n = ent.nextInt();
book obj[];
obj = new book[n];
for(i=0; i<n; i++) {
    obj[i] = new Book();
}
System.out.println("The details of the books are:");
for(i=0; i<n; i++) {
    System.out.println(obj[i].toString());
}
}
}

```

Output :

Enter the no of objects to be created:

2

Enter name of the book:

wolf hall

Enter name of the author:

William shakespeare

Enter price of the book:

650

Enter no. of pages in the book:

1500

Enter name of the book:

The corrections

Enter name of the author:

Jonathan Franzen

Enter price of the book:

450

Enter no. of pages in book:

899

The details of the books are :

Book name : wolf hall Author : Hillary mantel Price : 650 No. of pages = 1500

Book name : The corrections Author : Jonathan Franzen Price : 450 No. of pages = 877