

import java.util.Scanner;

IBM18CS012

class Book

{

String name;

String author;

String price;

String num-Pages;

Public Book()

{

name = "abc";

author = "xyz";

price = "100rs";

num\_Pages = "500";

}

void getData()

{

Scanner s1 = new Scanner(System.in);

System.out.println("Enter Book name:");

name = s1.next();

System.out.println("Enter Author name:");

author = s1.next();

System.out.println("Enter Book price:");

price = s1.next();

System.out.println("Enter number of pages:");

num\_Pages = s1.next();

}

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

```
return ("Book: " + name + "\nAuthor: " + author + "\nprice: " + price + "\nnumber of pages: " + num - pages);
```

```
}
```

```
}
```

```
class BookMain
```

```
{
```

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

```
{
```

```
int i, n;
```

```
Book tempobj = new Book();
```

```
System.out.println("constructor values:");
```

```
System.out.println(tempobj.toString());
```

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

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

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

```
Book[] ob = new Book[n];
```

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

```
{
```

```
ob[i] = new Book();
```

```
ob[i].getData();
```

```
System.out.println("----");
```

```
}
```

```
System.out.println("Details of all books:");
```

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

```
{
```

```
System.out.println("Book: " + (i+1));
```

```
System.out.println(ob[i].toString());
```

```
}
```

```
}
```

```
}
```