

- Create a class Book which contains four members: name, author, price, num-pages. Include a constructor to set the values for the members. Include methods to set & get the details of the object.

```
import java.util.Scanner;
```

```
class Book
```

```
{
    String name;
    String author;
    int price;
    int numPages;
```

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

```
{
    this.name = name;
    this.author = author;
    this.price = price;
    this.numPages = numPages;
```

```
@Override
```

```
public String toString()
```

```
{
    String bookDetails = "Book name: " + this.name + "\n" +
        "Author name: " + this.author + "\n" +
        "Price: " + this.price + "\n" +
        "Number of Pages: " + this.numPages + "\n";
    return bookDetails;
}
```

public class Main

{
 public static void main (String[] args)

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

System.out.print ("Enter the number of books:");

int n = s.nextInt();

Books[] books = new Book [n];

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

{
 System.out.print ("Enter name of book "+ (i+1) + ":");

String name = s.next();

System.out.print ("Enter author of book "+ (i+1) + ":");

String author = s.next();

System.out.print ("Enter price of book "+ (i+1) + ":");

int price = s.nextInt();

System.out.print ("Enter number of pages in book "
 + (i+1) + ":");

int numPages = s.nextInt();

books[i] = new Book (name, author, price, numPages);

}
 System.out.println ("\n Book details:");

for (Book book : books)

{
 System.out.println (book);

}
 s.close();
 }
}

o/p: Enter the number of books: 3
Enter name of book 1: ikigai
Enter author of book 1: ashay
Enter price of book 1: 250
Enter number of pages in book 1: 200

Enter the name of book 2: battlefield
Enter author of book 2: akshay
Enter price of book 2: 350
Enter number of pages in book 2: 300

Enter the name of book 3: Childhood
Enter author of book 3: rahindranath
Enter price of book 3: 400
Enter number of pages in book 3: 400

Seen
o/p