LAB PROGRAM-3

Create a class book which contains 4 members name, author, price, num-pages. Include a constructor to set values for the members

```java
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 = num. Pages
```

```java
public String toString()
{
    String name, author, price, numPages;
    name = "Book name: " + this.name + "\n";
    author = "Author name: " + this.author + "\n";
    price = "Price: " + this.price + "\n";
    numPages = "Number of pages: " + this.numPages + "\n";
    return name + author + price + numPages;
}
}

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

        for (int i = 0; i < n; i++) {
            System.out.print("Enter name of book " + (i+1)
                + "! ");
            String name = s.next();
```

```java
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();

b[i] = new Books(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 : 1
Enter name of book 1 : thor
Enter author of book 1 : marvel
Enter number of pages in book 1 : 250
Enter price of book 1 : 250

Book Details :
Book name : thor
Author name : marvel
Price : 250
Number of Pages : 50

Seen