

LAB PROGRAM 2:

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 and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

CODE SNIPPET:

Friday

LAB - 3

classmate
Date 2/12/22
Page

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 and get the details of the objects. Include a toString method that could display the complete details of the book. Develop a java program to create n book object.

```
import java.util.Scanner;
class book
{
    String name, author;
    double price;
    int num-pages;
    Book()
    {
        name = " ";
        author = " ";
        price = 0.0;
        num-pages = 0;
    }
    void input()
    {
        Scanner ss = new Scanner(System.in);
        System.out.println("Enter the name of the book : ");
        name = ss.next();
        System.out.println("Enter the Author's name : ");
        author = ss.next();
        System.out.println("Enter the price of the book : ");
        price = ss.nextDouble();
    }
}
```

Friday

classmate
Date 2/12/22
Page

```

System.out.println("Enter the number of pages of the book:");
num-pages = ss.nextInt();
}
public String toString()
{
    return ("Name: " + name + "\n Author: " + author +
    "\n PRICE: " + price + " / - " + "\n Number of
    pages: " + num-pages + "\n");
}
}
class book-main
{
    public static void main (String x[])
    {
        Scanner ss = new Scanner (System.in);
        System.out.println("Enter the no. of books:");
        int n = ss.nextInt();
        Book book[] = new Book[n];
        for (int i = 0; i < n; i++)
        {
            book[i] = new Book();
            book[i].input();
            System.out.println("n Book Details");
            System.out.println (book[i].toString());
        }
    }
}

```

OUTPUT:

```
C:\Users\Anagha\Desktop>java book_main
enter the no of books :
2
Enter the name of the book :
Beloved
enter the author's name :
Toni
enter the price of the book :
400
enter the no of pages of the book :
350

Book Details
Name :Beloved Author :Toni Price: 400.0 number of pages: 350
Enter the name of the book :
Atonement
enter the author's name :
Ian
enter the price of the book :
400
enter the no of pages of the book :
350

Book Details
Name :Atonement Author :Ian Price: 400.0 number of pages: 350
```