

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.

3. Create a database 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 objects. Include a toString() method that could display the complete details of the book.

```

import java.util.Scanner;

public class Book {
    String name, author;
    int price, num_pages;

    Book() {
        this.name = "hi";
        this.author = null;
        this.price = 0;
        this.num_pages = 0;
    }

    void input() {
        Scanner s = new Scanner(System.in);
        System.out.println("Enter the name, author, price and number of pages of the book in the given order:");
        this.name = s.next();
        this.author = s.next();
        this.price = s.nextInt();
        this.num_pages = s.nextInt();
    }

    public String toString() {
        return name + " " + author + " " + price + " " + num_pages;
    }
}

```

```

class book12
{
    public static void main (String[] args) {
        int size;
        Scanner ss = new Scanner (System.in);

        System.out.println ("Enter the number of books:");
        size = ss.nextInt ();

        book books[] = new book[size];
        for (int i=0; i<size; i++) {
            books[i] = new book ();
            books[i].input ();
        }

        s.o.p ("The details of the books are:");
        for (int i=0; i<size; i++) {
            s.o.p (books[i]);
        }
    }
}

```

Output:

Enter the number of books:
2

Enter the name, author, price & no. of pages of the book

name	author	price	no. of pages
aa	bb	50	200
cc	dd	30	222

The detail of the books are:

aa	bb	50	200
cc	dd	30	222

(Signature)

Output

```
C:\Users\bmsce\Desktop\1BM21CS043>java book1
Enter the number of books:
2
Enter the name, author, price and number of pages of the book in the given order:
aa bb 290 222
Enter the name, author, price and number of pages of the book in the given order:
cc dd 322 432
The details of the book are:
aa bb 290 222
cc dd 322 432
```