Program - 3

Create a class Book which contains four members : name, author, price, num pages. Include a constructor to set the values for the members. Includes 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 a book objects.

```java
import java.util.Scanner;

class Book {
    String name;
    String author;
    int price;
    int numpages;

    public Book (String name, string author,
                 int price, int numpages)
    {
        this.name = name;
```

```java
        this.author = author;
        this.price = price;
        this.numpages = numpages;
    }


    public string toString()
    {
        String bookdetails = "Book name:" + this.na
            + "author name:" + this.author + "\n"
            + "price:" + this.price + "\n"
            + Number of pages:" + this.numpages + "\n";
        return bookdetails;

    }
}

public class Bookstore {

    public static void main (String [] args){
        Scanner scanner = new Scanner (System.in);

        System.out.println ("Enter the no of books:");
        int n = scanner.nextInt ();

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

```java
for (int i=0; i<n; i++) {
System.out.print("Enter name of book :");
Scanner.nextline();
String name = Scanner.nextline();

System.out.print("Enter author of the book:");
string author = Scanner.nextline();

System.out.print("Enter the price of book:");
int price = scanner.nextInt();

System.out.print("Enter the number of
                         pages of book:");
int numpages = scanner.nextInt();

books[i] = new book(name, author, price,
   numpages);
}
System.out.println("\n Book Details");
for (int i=0; i< n; i++) {
   System.out.println("Book " + (i+1) +
   "\n" + book[i]);
}
}
}
```

Input :-

Enter no of books : 1
Enter name of book : The Great man
Enter author of book : Rohit Gandhi
Enter the price of book : 1500
Enter the no of pages of book : 180

Output :-

Book Details :
Book 1 :
Book name : The Great & man
Author name : Rohit Gandhi
Price   : 1500
No of pages : 180