Create a class Book which contains 4 members: name, author, price, num_pages. Include a constructor to set values for members. Include methods to set and get details of objects. Include a toString() method that could display details of the book.

```
import java.util.Scanner;

class Book{

    int num_pages;
    double price;
    String name;
    String author;
    Book(){
            num_pages=0
            price = 0.0;
            name = "some_book";
            author = "anshu";
        }

    Book(int num_pages, double price, String name, String author)
        {
        this.num_pages = num_pages;
        this. price = price;
        this. name = name;
        this.author = author; }
    void set_data(int num_pages, double price, String
            name, String author) {
            this. num_pages = num_pages;
            this. price = price;
            this. name = name;
            this. author = author; }
    void get_data(){
        System.out.println("Book details\n name : "+
name +"\n author : "+author+"\n no of pages : "+num_pages
```

```
"\n price : " + price );
System.out.println("\n ---------- \n");
public String toString(){
return ("Book details \n name: "+name + "\n author
+ author + "\n no of pages: " + num_pages + "\n price
: " + price + "\n ---------- \n");
}
}
class lab_3 {
public static void main (String[] args){
Scanner s=new Scanner(System.in);
System.out.println("enter the number of books");
int n = s.nextInt();
Book bs[] = new Book[n];
for (int i=0; i<n; i++){
b[i] = new Book();
System.out.print ("enter the name of book: ");
String name = s.nextLine();
System.out.print ("enter the no of pages: ");
String author = s.nextLine();
System.out.println ("enter the no of pages");
int num_pages = s.nextInt();
System.out.print ("enter the price of book");
double price = s.nextDouble();
System.out.println();
bs[i].setdata (num_pages, price, name, author);}
for (int i=0 ; i<n; i++){
bs[i].getdata(); }
Book b2 = new Book(2987.65, "compilation
point ", "dan brown");
b2.getdata();
System.out.println(b2);
s.close(); } }
```

OUTPUT:

```
C:\Users\amshu\OneDrive\Desktop>javac lab3.java

C:\Users\amshu\OneDrive\Desktop>java lab_3
enter the number of books
2
eneter the name of the book: The fault in our stars
eneter the author's name: John Green
eneter the number of pages in the book: 345
eneter the price of the book: 34

eneter the name of the book: Da vinci code
eneter the author's name: Dan brown
eneter the number of pages in the book: 600
eneter the price of the book: 567

Book details
name: The fault in our stars
author: John Green
nmber of pages: 345
price: 34.0

------------------------

Book details
name: Da vinci code
author: Dan brown
nmber of pages: 600
price: 567.0

------------------------

Book details
name: deception point
author: dan brown
nmber of pages: 20
price: 87.65

------------------------
```

```
Book details
name: The fault in our stars
author: John Green
nmber of pages: 345
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------------------------

Book details
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C:\Users\amshu\OneDrive\Desktop>
```