```
import java.util.Scanner;
class Book {
  String name, author;
  double price;
  int num_pages;
  // Constructor
  Book(String name, String author, double price, int num pages) {
    this.name = name;
    this.author = author;
    this.price = price;
    this.num pages = num pages;
  }
  void setDetails() {
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the name of the book:");
    name = sc.nextLine();
    System.out.println("Enter name of the Author: ");
    author = sc.nextLine();
    System.out.println("Enter price of the book: ");
    price = sc.nextDouble();
    System.out.println("Enter the number of pages: ");
    num pages = sc.nextInt();
  }
  void getDetails() {
    System.out.println("Name of Book: " + name);
    System.out.println("Name of Author: " + author);
    System.out.println("Price: " + price);
    System.out.println("Number of Pages: " + num_pages);
  }
  String Display() {
    return "Book Name: " + name + ", Author: " + author + ", Price: " + price + ", No. of Pages: "
+ num pages;
  }
}
class Library {
```

```
public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the number of books:");
    int n = sc.nextInt();
    sc.nextLine();
    Book[] books = new Book[n];
    for (int i = 0; i < n; i++) {
        books[i] = new Book("", "", 0, 0);
        books[i].setDetails();
    }
    for (int i = 0; i < n; i++) {
        books[i].getDetails();
    }
}</pre>
```

Enter the number of books: Enter the name of the book: Charlie and the Chocolate Factory Enter name of the Author: Roald Dahl Enter price of the book: 450 Enter the number of pages: 200 Enter the name of the book: Data Structures Enter name of the Author: Remma Thareja Enter price of the book: 260 Enter the number of pages: 450 Name of Book: Charlie and the Chocolate Factory Name of Author: Roald Dahl Price: 450.0 Number of Pages: 200 Name of Book: Data Structures Name of Author: Remma Thareja

Price: 260.0

Number of Pages: 450

```
& Create class Book which contains four numbers = name author.
   price. num-pages. Include a constructor to set the values
   for the members. Include methods to set and get details
  of the objects. Include a string () method that could
  display the complete cletails of the Book. Develop a
   program to create n book objects.
   class Book {
        String name, author; pretisides not stibers
                                         Marke : 30
        double price;
        int num-pages;
        Book ( String name, String author, float price, int num-pages) {
                 this . name = name : while expenses
                 this. author = author;
                 this price = price; Sidibord - 1 trojours
                 this. num-pages: num-pages; 7) 9 despeus
     public void set Details () f
             Scanner se = new Scanner (System: in) ;
             System. out. println ("Enter the name of the book:);
             name = sc. nextline ();
             System. out. println ("Exter name of the Author:");
             author = sc. nextline ();
             System. out. println ("Enter price of the book:");
             price = sc. next Float ();
            System. out. println ("Enter the number of pages:");
            num of Pages = sc. next Int ();
            void get Details () {
   public
             System. out. println (" Name of Book: "+ name);
             System. out. println ("Name of Author:" + author);
             System. out. println ("Price: " + price);
             System. out. println ("Number of Pages: " + num- pages)
```

```
public String to String () {
                  return "Book Name" + name + "Author:" + author +
                "Price: " + price + " No. of Pages: " + num - pages.;
               printhread (): Provide House closies maried Restance, T
       public class Lab {
                public static void main ( String [] args) {
                        scanner sc = new Scanner (System. in);
                        System. out. printly ("Enter the number of Books");
                         int n = sc. next Int ();
              Book [] books = new Book [n]
                     for (int i=0; ixn; i++) f
                                   books [i]. set Details ();
                 for c int i=0; i<n; i++) {
books[i]. getDetails();
                         class Rectavigle extends Shape f
                public Rectangle (dint, dime) &
   DUTPUT =)
                 super (dim1, dim2);
     Enter the number of books: = 1
     Enter the name of the book : charlie and the Chocolate Factory
     Enter name of the Author: Roald Dall
     Enter price of the Book + 450 1208
     Enter the number of pages: 200
    Name of the Book: Charlie and the Chocolate factory
     Name of Authoris Roald Dahl
                                        Singrid
     Price: (5 450.0 mile) reque
     Number of Pages: 200 milled biov
double area = organist " dim
```