```
class Book{
    String name, author;
    float price;
    int num_pages;
    Book(String name, String author, float price, int num pages){
        this.name = name;
        this.author = author;
        this.price = price;
        this.num_pages = num_pages;
    public void setDetails(){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name of the book: ");
        name = sc.next();
        System.out.println("Enter the name of the author: ");
        author = sc.next();
        System.out.println("Enter the price of the book: ");
        price = sc.nextFloat();
        System.out.println("Enter the num of pages: ");
        numOfPages = sc.nextInt();
    public void getDetails(){
        System.out.println("Name of the book: " + name);
        System.out.println("Name of the author: " + author);
        System.out.println("Price of the book: " + price);
        System.out.println("Number of pages: " + num pages);
    public String toString(){
        return "Book Name: " + name + " Author Name: " + author + " Price: " +
price + " Number Of Pages: " + num_pages;
public class Lab {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the number of books: ");
        int n = sc.nextInt();
        Book[] books = new Book[n];
        for(int i=0; i<n; i++){
            books[i].setDetails();
            books[i].getDetails();
```

```
for(int i=0; i<n; i++){
          System.out.println(books[i].toString());
    }
}</pre>
```

```
Enter the number of books:
Enter the name of the book:
1984
Enter the name of the author:
Anthony
Enter the price of the book:
400
Enter the num of pages:
Enter the name of the book:
MockingBird
Enter the name of the author:
Harper
Enter the price of the book:
Enter the num of pages:
150
Name of the book: 1984
Name of the author: Anthony
Price of the book: 400.0
Number of pages: 200
Name of the book: MockingBird
Name of the author: Harper
Price of the book: 500.0
Number of pages: 150
```

class Book ? (3) (seate a class Book which contains four members name on the members gradude methods to set and get the descript brugeans to create or book objects. display the complete details of the book . Decelop a found gree, numpages. Include a constructor to set the calued by of the objects conclude a to strong method that could public word get Detailu () ? public void set Detallel) { BLOK (string name, string author, flood pasce) int numpages ) & double price. I ring name, author-System out but to ( number of pages: " + num-pages) Gram out printer ( Nume of the auteur: " + actual); Show on the story of the pook in the world "using out printing of the book: "+ price); numel Pages = sc next Int (); Scanner & = new Scanner (Systemin). System out pointin ("Gover the number of pages: "); pince = 8c neat Float (). author = 80 neat(); System out printed "enter the name of the authors: ") Systemout printin ("enter the name of the book: "). System out ponten ("enver the porce of the book :") name = sc. neat(); this name = name: . this author = author: this numpages = num-pages; this poice = poice: 19/10/2024

Output: Frites the number of books public class Lab & public & take vold main (string ( ) aspa) { brigge said propositions Enter price of the book: Enter the pame of the author: Enves the name of the book: 186 F Int m = sc next Int(); System-aw-point on (books the member of books: "); Return "Rook Perme: "+ manne + " Author Nome: " + author ender the name of the book. antel Athe number of pages: Anthony Book! I books = new Book[n]; Scames sc= new scanned (your in); mocking and come of the authors for (int 1=0; 8<n; 1++)} Enver the power of the book. for (int 1=0; 1<n; i++) { Ender the rumber of pages: bookstit get betails (); books (1) set Details ); + · Pare: + pare + " Number of Pages: " + numpopuls

number of pages: 150 Bree of the book: 500 Name of the author: Harper Name of the book: 1904 Number of pages: 200 Name of the author : British Name of the book: Mocking Risd Price of the book: 400

19/00/24.