```
import java.util.*;
   class Book{
        String name;
        String author;
        double price;
        int num_pages;
       Book()
        {}
       Book(String name, String author, double price, int num_pages){
9 3 1 2 3 4 5 5 7 8 9 9 1 2
          this.name=name;
          this.author=author;
          this.price=price;
          this.num_pages=num_pages;
       void display(){
            Scanner a = new Scanner(System.in);
            System.out.println("Enter name of book: ");
            name=a.nextLine();
System.out.println("Enter author of the book: ");
            author=a.nextLine();
System.out.println("Enter price of the book: ");
            price=a.nextDouble();
System.out.println("Enter number of pages of the book: ");
            num_pages=a.nextInt();
       public String tostring(){
            return("Name: "+name+"\nAuthor: "+author+"\nPrice: "+price + "\nNumber of pages: "+num_pages);
   }
class book1{
```

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```
public String tostring(){
            return("Name: "+name+"\nAuthor: "+author+"\nPrice: "+price + "\nNumber of p
        }
    class book1{
        public static void main(String args[]){
           Scanner in=new Scanner(System.in);
           System.out.println("Enter number of books: ");
           int n=in.nextInt();
           Book arr[]=new Book[n];
37
           for(int i=0;i<n;i++){
              arr[i]=new Book();
39
              arr[i].display();
40
41
42
            for(int i=0;i<n;i++){</pre>
             System.out.println("The details of the book"+(i+1)+":");
43
44
             System.out.println(arr[i]);
45
46
47
```

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at books.main(books.java:44) IG PS D:\java_programs> **javac** books.java ept 2nd year PS D:\java_programs> <mark>java</mark> books Enter the number of books: 25 Enter the details of 1 book Enter name of book: theultimatelife grams 9CS116 Pr Enter author of book: karnigie 9CS116 Prenter price of book: 450 .java Enter number of pages of book: ore.java 500 Enter the details of 2 book Enter name of book: .java thinkandgrowrich Java Enter author of book: napoleonhill Enter price of book: yee.java 500 ile.java Enter number of pages of book: 600 orld.java Details of book 1 Ljava Name: theultimatelife Author: karnigie ava Price: 450.0 ibers.java Number of pages: 500 e.java Details of book 2 Name: thinkandgrowrich n.java Author: napoleonhill .Java Price: 500.0 g.java Number of pages: 600 PS D:\java_programs> _ Java atic.java ingobject

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    num_pages = in nent Int ();
```

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+purce + " No. of pages: " + num_pages);
 class books &
    Public static void main ( string aggs (7) &
     Leamer a = new scamer (hystem in)
   bystem. out. println ("Enter no. of books: ");
    int n = a. hent Int ();
  for (inti=0; ich; itt) {
     More arr (i) = new book ();
   Mystem. out. println ["anter the defails of Hit]+ "book");
          * are [i]. display ();
     for (int 1'=0; icn; it).
       system. out. printent aur (i));
```