```
3 Book Davobose
Create a class Book that contains four members nome, author,
perse and num-pages. Includes a constructor to set the values
you the members. Include method to let and get the details of
the part objects. Include a dostrong () unethod that would desplay
the conflde details of book. Develop a Jorra peg m to create n
book objects.
-> 9mport gava, utel. Scanner,
  Mars Books
     storny name;
     stering author;
     Put purce ,
      ent numbayes;
     Books () $ 4
     Books (Strong name, Strong author, Put purce, Put numbary es)
        thes. name = name;
        thes, outhor = author ;
         this . purce = parce;
         thes, numbog es = numbag es ',
      public storng to storng ()
        Strong name, outhou, purce, numborges;
         noune = "Book name: " + thes. name + " In";
         outhor = "Author name; "+ thes author + "In";
         purce = Purce: " + thrs. burce
         numbery es = "number of borg es:" + thres numbery es + "10";
         section name + author + perper + numberges's
```

```
class Masn
   public state vord moun (Storng augs (J)
      Scanner & = new Scanner (System, 8n);
      fut n;
      Strong name;
      Strong author;
       ant perpers
       Port numbages;
       System , out paratur ("Enter number of books");
       n=s. noutsnt();
        Books blj;
        b = nene Books [n]:
       ban (ente=o,ien;i++)
           System . out perently ("Books" + (9+1) +":");
           System . out . perent " ("enter name of book :1) ;
           norme = s. next ();
           System out perent (" Enter author: ");
           author= s. next ();
           System . out . perent ("Enter perece:");
           parce snorthytt;
            System, out. perent (" Enter no of pages: ");
            numbages = s. noutInt();
            b[i] = new Book ( norme, author, berpce, numbaya)
```

Butput:
enter the number of books: 21

Book!

Enter the name of book: Havery Potter

Enter the author of the book: I k Rondong

Enter the parce of book: 1000

enter the number of bouger of books: 600

Book 1: Havery Potter name: Howevy Potter Derther: Ik Rowling Powce: 1000 Number of Dougles: 600

## **BOOK DETAILS**

```
import java.util.Scanner;
class Book{
    private String name;
    private String author;
    private double price;
    private int num pages;
    Book (String name, String author, double price, int num pages) {
        this.name=name;
        this.author=author;
        this.price=price;
        this.num pages=num pages;
    }
    public void setName(String name) {
        this.name=name;
    public void setAuthor(String author) {
        this.author=author;
    public void srtPrice(double price) {
        this.price=price;
    public void setNum Pages(int num pages) {
        this.num pages=num pages;
    }
    public String getName(){
       return name;
    public String getAuthor() {
        return author;
    public double getPrice(){
        return price;
    public int getNum Pages(){
        return num pages;
    }
    @Override
    public String toString(){
        return "Book Details:\n" +
        "Name: " + name + "\n" +
        "Author: " + author + "\n" +
```

## **BOOK DETAILS**

```
"Price: " + price + "\n" +
        "Number Of pages:: "+ num_pages;
    }
}
public class BookDetails {
    public static void main( String argra[]) {
        int n;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter number of books:");
        n=sc.nextInt();
        Book [] books=new Book[n];
        for(int i=0;i<n;i++){
            System.out.println("Enter details of book "+(i+1) +":");
            System.out.println("Name:");
            String name=sc.next();
            System.out.println("Author:");
            String author=sc.next();
            System.out.println("Price:");
            double price=sc.nextDouble();
            System.out.println("Number of pages:");
            int num pages=sc.nextInt();
            books[i]=new Book(name,author,price,num pages);
        }
        for(Book b:books) {
            System.out.println(b); //
System.out.println(b.toString);
        }
}
OUTPUT :
Enter number of books:
Enter details of book 1:
Name:
```

## **BOOK DETAILS**

Harry Potter Author: Rowling Price: 250 Number of pages: Enter details of book 2: Name: Two Cities Author: Charle Price: 100 Number of pages: 250 Book Details: Name: Harry Potter

Author: Rowling Price: 250.0

Number Of pages: 500

Book Details: Name: Two Cities Author: Charle Price: 100.0

Number Of pages: 250