```java
4   class book
5   {
6       String name,author;
7       int nop;
8       double price;
9
10      book()
11      {
12          name=" ";
13          author=" ";
14          nop=0;
15          price=0.00;
16      }
17
18      void accept()
19      {
20          Scanner sc=new Scanner(System.in);
21          System.out.println("enter name");
22          name=sc.nextLine();
23          System.out.println("enter author");
24          author=sc.nextLine();
25          System.out.println("enter number of pages and price");
26          nop=sc.nextInt();
27          price=sc.nextDouble();
28
29      }
30
31      public String toString() // when an object is printed this method is automatically called
32      {
33          return("name="+name+"\nauthor="+author+"\nnumber of pages="+nop+"\nprice="+price);//return statement with String is required
34      }
35
36  }
37
38  class bookmain
39  {
40      public static void main(String[] args)
41      {
42          int n;
43          Scanner sc=new Scanner(System.in);
44          System.out.println("enter number of objects: ");
45          n=sc.nextInt();
46          book b[]=new book[n];
47          for(int i=0;i<n;i++)
48          {
49              b[i]=new book();
50              b[i].accept();
```

```java
25          System.out.println("enter number of pages and price");
26          nop=sc.nextInt();
27          price=sc.nextDouble();
28
29      }
30
31      public String toString() // when an object is printed this method is automatically called
32      {
33          return("name="+name+"\nauthor="+author+"\nnumber of pages="+nop+"\nprice="+price);//return statement with String is required
34      }
35
36  }
37
38  class bookmain
39  {
40      public static void main(String[] args)
41      {
42          int n;
43          Scanner sc=new Scanner(System.in);
44          System.out.println("enter number of objects: ");
45          n=sc.nextInt();
46          book b[]=new book[n];
47          for(int i=0;i<n;i++)
48          {
49              b[i]=new book();
50              b[i].accept();
51          }
52
53          for(int i=0;i<n;i++)
54          {
55              System.out.println("\ndetails of book "+(i+1)+":");
56              System.out.println(b[i]);
57          }
58      }
59
60
61  }
```

```
C:\Windows\system32\cmd.exe                                          —    □

enter number of objects:
3
enter name
black beauty
enter author
anna sewell
enter number of pages and price
130 250
enter name
heidi
enter author
johanna spyri
enter number of pages and price
234 432
enter name
merchant of venice
enter author
shakespeare
enter number of pages and price
450 1200

details of book 1:
name=black beauty
author=anna sewell
number of pages=130
price=250.0

details of book 2:
name=heidi
author=johanna spyri
```

```
enter author
shakespeare
enter number of pages and price
450 1200

details of book 1:
name=black beauty
author=anna sewell
number of pages=130
price=250.0

details of book 2:
name=heidi
author=johanna spyri
number of pages=234
price=432.0

details of book 3:
name=merchant of venice
author=shakespeare
number of pages=450
price=1200.0
Press any key to continue . . .
```