/ Array of objects Algo n'tumo (reate Boule d'class with sperified Step 1: illance variables. La include constructor method Bon () { } Supr: Input n ->, number of brooks, Sy create object bI of Book class Rook bI = new Rook 1);

Comp3:

concerte array of objects of Book

class Book[] arr = nu Book(); Inhalize each orray element with a as an object & call get Defails rubbed orr Ci] = new Book(1; anv [i] à get Details(); cups: Print details of hooles by uring son hosting() method.

```
à // Syntax
 import Java. u hil . ;
   Clan Brook &
         5 mly name;
          Sting author;
          double price;
          int num-pages;
     BOOK () { }
      public sning boshing() {
      Titurn ("name: "+ name +" author: "+ outhor + "ma!"
                      mich + "no of pages: 1 + num-
      void get Details () {
          Scanner in= new Scanner (System in);
         System.out pridho ("Endr he name g autor:");
          name = in. nent ();
          System. out. printin (" sitr me price of book: 14"
            price : in nent Double ();
           System. out. printer ("Entes name of authorit
            aumor = in neut();
           System. out. printen ("Euster no. of pages.")
             num - pagn = in neut Int();
```

class Book Array Obj & static void main (Ming args [] String / many), sugnor; Scammer in = new Scanner (System in); System. out. pointin ("sutor me no. of books") n = in (nent Int()), Brook b1 = nen Brook (); Book[] arr = new Book[n]; for Cint 1=0; (<n; (++){ arr [i] = new Brook (1); arr Ci Jay t Dutai W(1) System. out. printh ("The beteins of book") for (nti=0 ", i' < n ", i + +) { System.out.pmhthm (arrCiJ);

```
C:\Users\praji\Desktop\java>java BookArrayObj
Enter the <u>number of books:</u>
Enter the name of book:
atals
Enter the name of author:
ayn
Enter the price of book:
400.4576
Enter the number of pages of book:
450
Enter the name of book:
name
Enter the name of author:
marcus
Enter the price of book:
45.0
Enter the number of pages of book:
760
The Details of the books are :
name : atals | author : ayn | price : 400.4576 | number of pages : 450
name : name | author : marcus | price : 45.0 | number of pages : 760
```