

```
book2Main - Notepad
File Edit Format View Help
import java.util.Scanner;

class book
{ String name,author;
  int price,num_pages;

  void book()
  { name="NA";
    author="NA";
    price=0;
    num_pages=0;
  }
  void get()
  { Scanner get=new Scanner(System.in);
    System.out.println("\nEnter the name:");
    name=get.next();
    System.out.println("Enter the author:");
    author=get.next();
    System.out.println("Enter the price:");
    price=get.nextInt();
    System.out.println("Enter the no of pages:");
    price=get.nextInt();
  }
  void out()
  { System.out.println("NAME: "+name);
    System.out.println("AUTHOR: "+author);
    System.out.println("PRICE: "+price);
    System.out.println("PAGES: "+num_pages);
  }
  public String toString()
  { return ("\nNAME: "+name+"\nAUTHOR: "+author+"\nPRICE: "+price+"\nPAGES: "+num_pages);
  }
}

class book2Main
{ public static void main(String args[])
  { Scanner get=new Scanner(System.in);
    int n,ch;
    System.out.println("Enter the no of books to be entered:");
    n=get.nextInt();
    book b[]= new book[n];

    price=get.nextInt();
    System.out.println("Enter the no of pages:");
    price=get.nextInt();
  }

  void out()
  { System.out.println("NAME: "+name);
    System.out.println("AUTHOR: "+author);
    System.out.println("PRICE: "+price);
    System.out.println("PAGES: "+num_pages);
  }
  public String toString()
  { return ("\nNAME: "+name+"\nAUTHOR: "+author+"\nPRICE: "+price+"\nPAGES: "+num_pages);
  }
}

class book2Main
{ public static void main(String args[])
  { Scanner get=new Scanner(System.in);
    int n,ch;
    System.out.println("Enter the no of books to be entered:");
    n=get.nextInt();
    book b[]= new book[n];
    for(int i=0;i<n;i++)
    { b[i]=new book();
      b[i].get();
    }
    System.out.println("Display\n1.Function Method\n2.String method\nEnter choice:");
    ch=get.nextInt();
    switch(ch)
    { case 1: for(int i=0;i<n;i++)
      { System.out.println("Book "+i);
        b[i].out();}
      break;
      case 2: for(int i=0;i<n;i++)
      { System.out.println("Book "+i);
        System.out.println(b[i]);}
      break;
      default: System.out.println("Enter valid number");
    }
  }
}
```

```
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    price=get.nextInt();
    System.out.println("Enter the no of pages:");
    price=get.nextInt();
  }

  void out()
  { System.out.println("NAME: "+name);
    System.out.println("AUTHOR: "+author);
    System.out.println("PRICE: "+price);
    System.out.println("PAGES: "+num_pages);
  }
  public String toString()
  { return ("\nNAME: "+name+"\nAUTHOR: "+author+"\nPRICE: "+price+"\nPAGES: "+num_pages);
  }
}

class book2Main
{ public static void main(String args[])
  { Scanner get=new Scanner(System.in);
    int n,ch;
    System.out.println("Enter the no of books to be entered:");
    n=get.nextInt();
    book b[]= new book[n];
    for(int i=0;i<n;i++)
    { b[i]=new book();
      b[i].get();
    }
    System.out.println("Display\n1.Function Method\n2.String method\nEnter choice:");
    ch=get.nextInt();
    switch(ch)
    { case 1: for(int i=0;i<n;i++)
      { System.out.println("Book "+i);
        b[i].out();}
      break;
      case 2: for(int i=0;i<n;i++)
      { System.out.println("Book "+i);
        System.out.println(b[i]);}
      break;
      default: System.out.println("Enter valid number");
    }
  }
}
```

```
Command Prompt
D:\Java\jdk1.8.0_261\bin\prog>java book2Main
Enter the no of books to be entered:
2
Enter the name:
faluda
Enter the author:
ray
Enter the price:
200
Enter the no of pages:
500
Enter the name:
poirot
Enter the author:
agatha
Enter the price:
350
Enter the no of pages:
300
Display
1.Function Method
2.String method
Enter choice:
2
Book 0
NAME: faluda
AUTHOR: ray
PRICE: 500
PAGES :0
Book 1
NAME: poirot
AUTHOR: agatha
PRICE: 300
PAGES :0
D:\Java\jdk1.8.0_261\bin\prog>
```