Expt. No. 3 Week 3 Lab Book Page No.

```
import java.util.Scanner;
class book
{ string name, author;
  int price, num_pages;
  void book()
  { name = " ";
    author = " ";
    price = 0;
    num_pages = 0; }
  void get()
  { Scanner get = new Scanner(System.in);
    System.out.println("\n Enter the name : ");
    name = get.next();
    System.out.println("\n Enter the author");
    author = get.next();
    System.out.println("\n Enter the no of pages : ");
    num_pages = get.nextInt();
    System.out.println("\n Enter the price : ");
    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); }
```

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```
    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++)
                { b[i].out(); }
              break
      case 2: for(int i=0; i<n; i++)
                { System.out.println(b[i]); }
              break;
      default: System.out.println("Enter valid number");
    }
  }
}
```

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