LAB-3

```java
1) import java.util.Scanner;
   Class Book {
        String name;
        String author;
        Double price;
        int num_pages;
        Book()
        {}
        Book (String name, String author, Double price,
                                    int num_pages)
        {

            this.name = name;
            this.author = author;
            this.price = price;
            this num_pages = num_pages;
        }
        Void accept ()
        {

            Scanner S = new Scanner (System.in);
            System.out.println ("Enter Book name");
            name = S.nextLine();
            System.out.println ("Enter author");
            author = S.nextLine();
            System.out.println ("Enter price");
            price = S.nextDouble();
            System.out.println ("Enter the number of pages
                                    of the book");
            num_pages = S.nextInt();
        }
```

```java
public String toString(){

return ("Name :" + name + "\n" + "Author :" author + "\n"
        + "Price :" + price + "\n" + "No. of pages :" + num_pgs);
        }
    }

public class Main {
        public static void main (String ss[])
        {
            Scanner a = new Scanner (System.in);
            Book b1 = new Book ("wizard", "Mary", 299, 345);
            System.out.println ("Sample book : \n" + b1);
            System.out.println (" Enter the number of books");
            int n = a.nextInt ();
            Book b[] = new Book [n];
            for (int i=0; i<n; i++)
            {
                b[i] = new Book ();
                System.out.println ("Enter details" + (i+1) + "book");
                b[i].accept ();
            }
            for (int i=0; i<n; i++)
            {
                System.out.println ("Details of book" + (i+1));
                System.out.println (b[i]);
            }
        }
    }
}
```