

LAB - 3

```
import java.util.*;
import java.log.*;
class Book
{
    String name, author;
    double price;
    int num - pages;
    Scanner in = new Scanner (System.in);

    Book () {
        System.out.println("Enter name of book:");
        name = in.nextLine();
        System.out.println("Enter name of author");
        author = in.nextLine();
        System.out.println("Enter price of book");
        price = in.nextDouble();
        System.out.println("Enter number of
        pages in the book");
        num - pages = in.nextInt();
    }
}
```

```

void show() {
    System.out.println("Name : " + name);
    System.out.println("Author : " + author);
    System.out.println("Price : " + price);
    System.out.println("Number of pages : " + num_pages);
}

```

```

}

Public String toString()
{
    return name + " By " + author + " for " + price
    + " and has " + num_pages + " pages";
}

```

```

}

public static void main (String [] args)
{
    Scanner in = new Scanner(System.in);
    int n, n;

    System.out.println("Enter the number of books
    to be created : ");
}

```

n = in.nextInt();

Book B[] = new Book[n];

for (int i = 0; i < n; i++)

System.out.println("Book" + (i+1));

System.out.println(" ");

B[i] = new Book();

}

for (int i = 0; i < n; i++) {

System.out.println("Book" + (i+1));

System.out.println(B[i]);

}

do { System.out.println("Enter the book
number whose details you want to display");

n = in.nextInt();

}

while (n < 1 && n > n);

}

}