✳ LAB - 3 :

```java
import java.util.*;

class Book {
        String B_name = newString();
        String B_AuthName = new string();
        int price;
        int num_pages;

        Scanner classINP = new Scanner(System.in);

    void input() {
            System.out.println("Enter Name");
            B_name = classINP.nextline();
            System.out.println("Enter AuthName");
            B_AuthName = classINP.nextline();
            System.out.println("Price");
            Price = classINP.nextINT();
            System.out.println("Pages");
            num_pages = classINP.nextInt();
        }
```

```java
    public String toString() {

            return ("BookName =" + B_name
            "\n Author =" + B_AuthName
            "\n Price"= + price
            " Pages=" + num_pages);
        }
    }
```

```java
class main {

    public static void main (String[] args) {

        Scanner mainInp = new Scanner (System.in);
        System.out.println ("Entu no. of Books");
        int n = mainInp. nextInt();

        Book BOOKS[] = new Book[n];

        for (int i=0; i< BOOK.length; i++) {
            System.out.println ("details of Book" +
                                    (i+1) );
            BOOKS[i] = new Book();
            BOOKS[i]. input();
        }

        for (int i=0; i<BOOK.length; i++) {

            System.out.println ("The details of Book" +
                                (i+1) + " are
                                displayed");
            System.out.println ( BOOKS[i]);
                        *

    }
}
```

* Algorithum :

Step 1 :   Start

Step 2 :   Take the details of the books.

Step 3 :   Display the details of the book.

Step 4 :   End