3. Lab Program - 3

```
import java.util.Scanner;
class Book {
    String name, author;
    int price, no_pages;
    public Book (String name, String author, int price, int
        this.name = name;
        this.author = author;
        this.price = price;
        this.no_pages = no_pages;
    }
    public String toString() {
        System.out.println("Name: " + this.name);
        System.out.println("Author: " + this.author);
        System.out.println("Price: " + this.price);
        System.out.println("Pages: " + this.no_pages);
        return this.name + this.author + this.price + this.
    }
}
class BookMain {
    public static void main(String args[]) {
        System.out.println("Pranav M - 1BM22CI204");
        Book books[] = new Book[10];
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter no. of book objects: ");
        int n = sc.nextInt();
        sc.nextLine();
        for(int i=0; i<n; i++) {
            String name, author;
            int price, no_pages;
            System.out.println("Enter name: ");
            name = sc.next();
```

```
        System.out.println("Enter author: ");
        author = sc.next();
        System.out.println("Enter price: ");
        price = sc.nextInt();
        System.out.println("Enter no. of pages: ");
        no_pages = sc.nextInt();
        books[i] = new Book(name, author, price, no_pages);
    }

    System.out.println("\n");
    for(int i=0; i<n; i++){
        System.out.println("Book " + (i+1) + " Details: \n");
        books[i].toString();
        System.out.println("\n");
    }
  }
}
```

o/p

```
Pranav Y - 1BM22CS204
Enter no. of book objects:
3
Enter name:
b1
Enter author:
a1
Enter price:
100
Enter no. of pages:
300
Enter name:
b2
Enter author:
a2
```

Enter Name
b1
Enter no of pages
300
Enter name
b1
Enter Author
a1
Enter price
100
Enter no of pages
10

Book 1 details
Name: b1
Author: a1
Price: 100
Page: 300

Book 2 details
Name: b2
Author: a2
Price: 200
Page: 100

Book 3 details
Name: b3
Author: a3
Price: 100
Page: 10