LAB PROGRAM 3:

```java
class Book_details
{
    private String name, author;
    private double price;
    private int num_pages;

    Book_details ()
    {
        name = "The Immortals of Melwha";
        author = "Amish";
        price = 234.00;
        num_pages = 390;
    }

    void getDetails()
    {
        Scanner in = new Scanner (System.in);
        System.out.println("\n Enter the book name:");
        name = in.nextLine();
        System.out.println("\n Enter the author name:");
        author = in.nextLine();
        System.out.println("\n Enter the no. of pages:");
        num_pages = in.nextInt();
        System.out.println("\n Enter the price");
        price = in.nextDouble();
    }
```

```java
public String toString()
{
    String temp = "\n Book name : " + name + "\n
Author name : " + author + "\n No. of pages :
" + num_pages + "\n Price : " + price + "\n";
    return (temp);
}
}


class Book
{
    public static void main (String args[])
    {
        int i, n;
        Scanner in = new Scanner (System.in);
        System.out.println ("\n Enter the number of
            books : ");
        n = in.nextInt();
        Book_details[] obj = new Book_details[n];
        for (i=0; i<n; i++)
        {
            obj[i] = new Book_details();
        }
        System.out.println ("\t\t *** Enter Book
            Details *** ");
        for (i=0; i<n; i++)
        {
            System.out.println ("\n Book" +(i+1)+":");
            obj[i].getDetails();
        }
        System.out.println ("\t\t *** Book Details *** ");
        for (i=0; i<n; i++)
```

```
        {
            System.out.println (obj[i]);
        }
    }
}
```