PROGRAM -3

```java
import java.util.Scanner;

class Book {
    String name, author;
    double price;
    int num_pages;
    Scanner sc = new Scanner (System.in);

    Book () {
    }

    Book () ( String name, String author, double price, int page) {
        this.name = name;
        this.author = author;
        this.price = price;
        this.num_pages = pages;
    }

    void setDetails ()
    {
        System.out.print ("Enter name of the book : ");
        this.name = sc.nextInt();
        System.out.print ("Enter the author of the book : ");
        this.author = sc.nextLine ();
        System.out.print ("Enter the price : ");
        this.price = sc.nextDouble ();
        System.out.print ("Enter the number of pages : ");
        this.num_pages = sc.nextInt ();
    }
```

```java
void getDetails()
{

    System.out.println("Name: " + name);
    System.out.println("Author: " + author);
    System.out.println("Price: " + price);
    System.out.println("Number of pages: " + num.page);
}


public String toString()
{

    return("Name: " + name + "\n Author; " + author +
    "\n Price: " + price + "\n number of pages: " + num_page);
}
}


public class labprog3
{

    public static void main (String args[])
    {

    int n;
    Book books[];
    Book myBook = new Book("Chamber of Secrets ", "J.K.Rowling"
            35.55, 367);
        Scanner sc = new Scanner(System.in);

        System.out.print("Enter number of books: ");
        n = sc.nextInt();
        books = new Book[n];
```

```
for (int i=0; i< book. Length; i++)
{

    System.out.println ("Enter details for book " + (i+1)+": " );
    books[i]= new Book ();
    book[i]=setDetails();
}

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

    System.out.println ("Details of book " + (i+1)+" :");
    book[i]. getDetails ();
    System.out. println ();
}

System. out. println (myBook);

etc

}
}
```