

lab3) import java.util. Scanner;
class Book {

String name;
String author;
float price;
int num-pages;

Book() {
 this.name = " ";
 this.author = " ";
 this.price = 0f;
 this.num-pages = 0;
}

Book (String name, String author, float price,
int num-pages) {

 this.name = name;
 this.author = author;
 this.price = price;
 this.num-pages = num-pages;

}

void get-details() {

 Scanner s = new Scanner(System.in);
 System.out.println("Enter the name of the
book:");

 name = s.nextLine();

 System.out.println("Enter the author of
the book:");

 author = s.nextLine();

 System.out.println("Enter the price of the book:");

 price = s.nextFloat();

 System.out.println("Enter the number of
pages of the book:");

 num-pages = s.nextInt();

}

void set-details(~~f~~) (String n, String a,
float p, int np)

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```

this.name = n;
this.author = a;
this.price = p;
this.numPages = np;

```

}

```

public String toString() {
    return ("Name=" + name + "\n" + "Author=" + author +
        "\n" + "Price=" + price + "\n" + "Number of
        pages=" + numPages + "\n");
}

```

```

public class lab3 {

```

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    public static void main(String args[]) {

```

```

        int n;

```

```

        Scanner s = new Scanner(System.in);

```

```

        System.out.println("Enter the number of
        books:");

```

```

        n = s.nextInt();

```

```

        Book[] b = new Book[n];

```

```

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

```

```

            b[i] = new Book();

```

```

            b[i].getDetails();

```

}

```

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

```

```

            System.out.println("Details of the book"
            + (i+1) + ":");

```

```

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

```

}

```

        Book boo = new Book();

```

```

        boo.setDetails("The Story", "Sushma",
        200, 300);

```

```

        System.out.println("Details of the book:");

```

```

        System.out.println(boo);

```

}

}