EduBridge

A Project

Report On

<u>Library Management System</u>

By

Rushali .S. Bhaip

B.C.A

Batch: 2020 – 5072

Center: Thane

Under the Guidance of,

Jayant V.

Technical Trainer

<u>EduBridge</u>

(School of coding)

Introduction:

This Project **Library Management System** has been developed on **Java, Swing, JSP and MySQL**. A library management and librarian can add/view/books, issue, view issued books and return books.

Software Requirements:

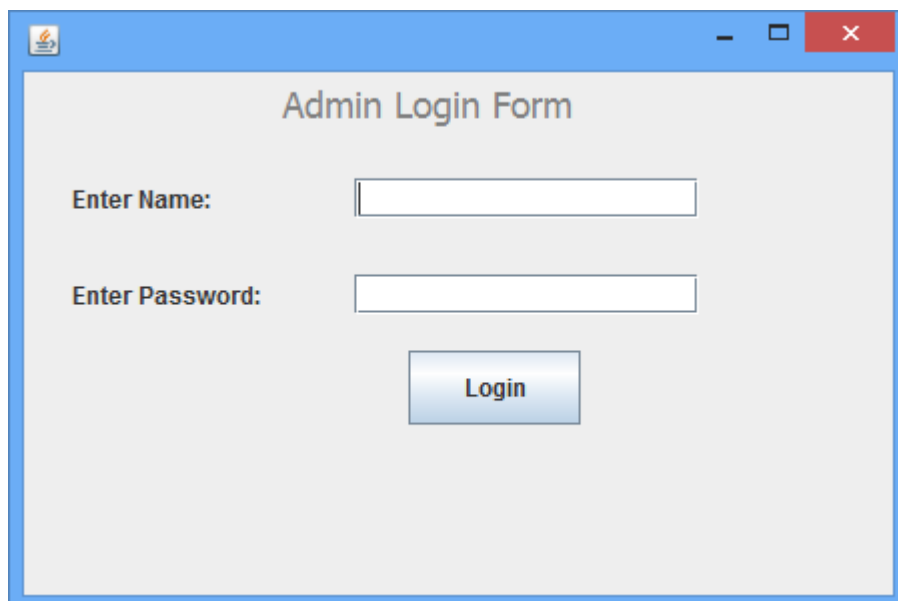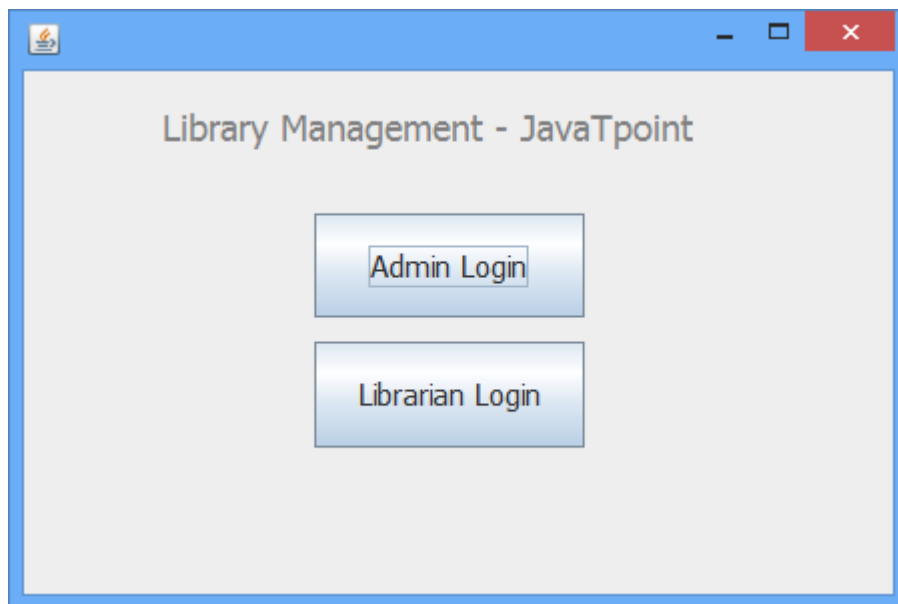**Front end:**   Java/J2EE technologies (Swing), HTML, CSS, JDBC.

Back end: MySQL.

Server: Apache Tomcat v8.5V
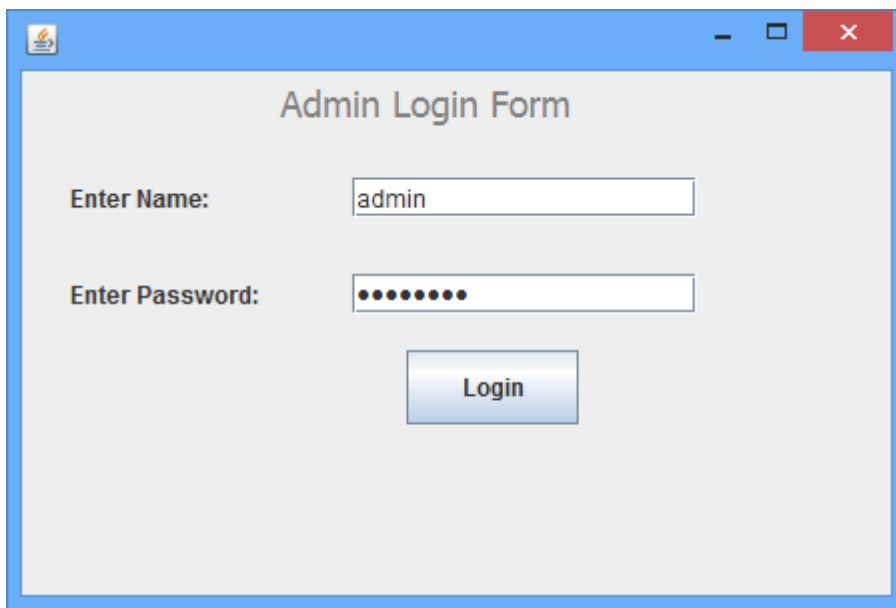
IDE: Eclipse IDE for Java EE Developers

Operating System: Window 10.

Library Management System Screen Shot

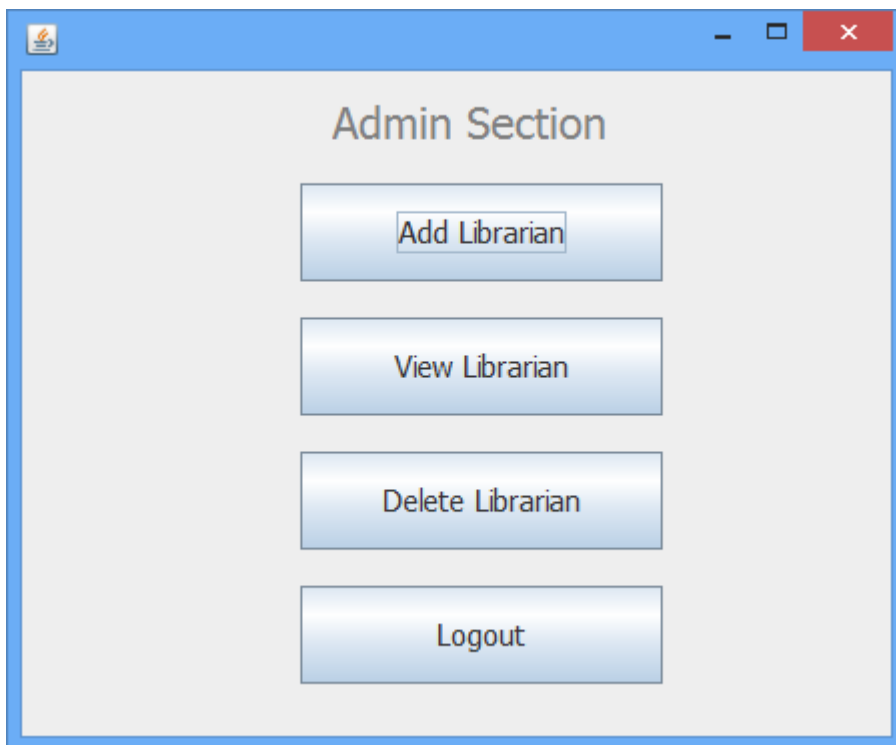Write name and password: It must be **admin** for name and **admin123** for password

Admin Login Form

Enter Name: admin

Enter Password: ••••••••

Login

Admin Section

Add Librarian

View Librarian

Delete Librarian

Logout

Add Librarian

Name: Ajeet

Password: •••••

Em...: ajeet

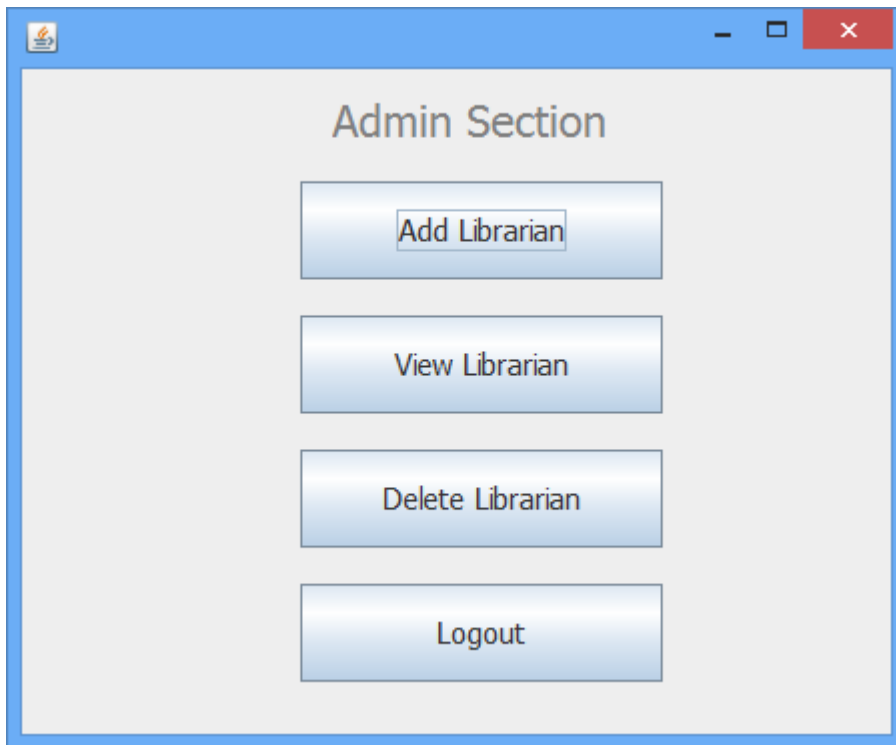Address: javatpoint

City: noida

Contact No: 9990449935

Add Librarian

Back
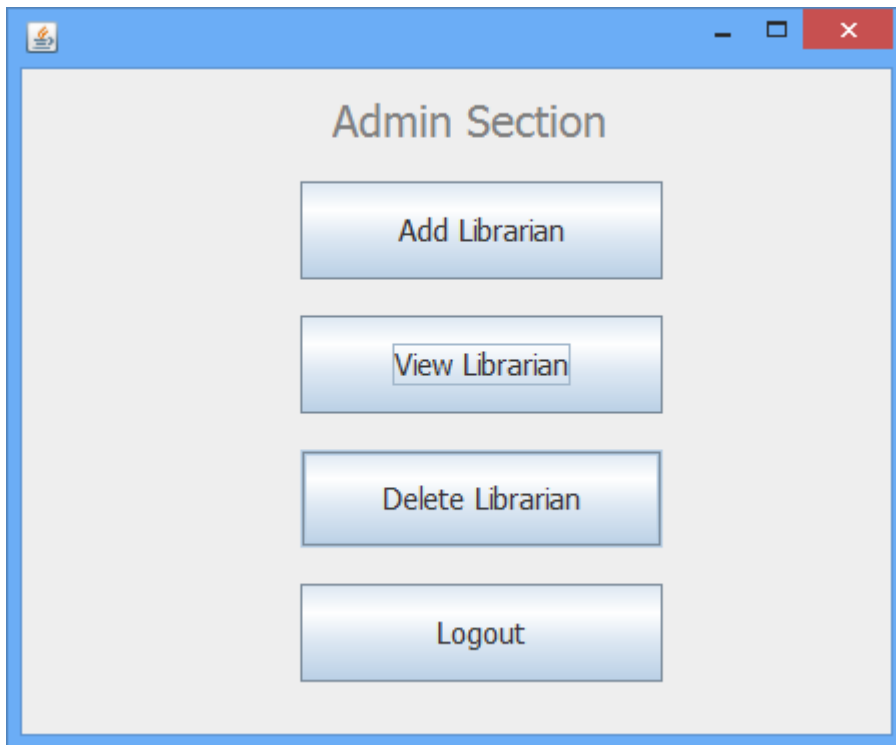

Message

Librarian added successfully!

OK

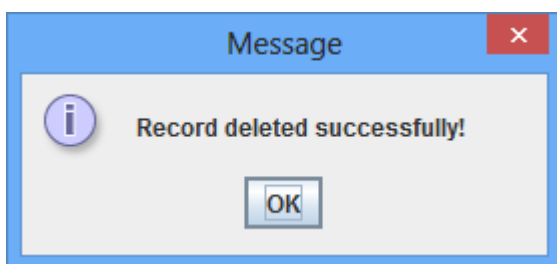Now click on **view librarian** to see records of librarian.

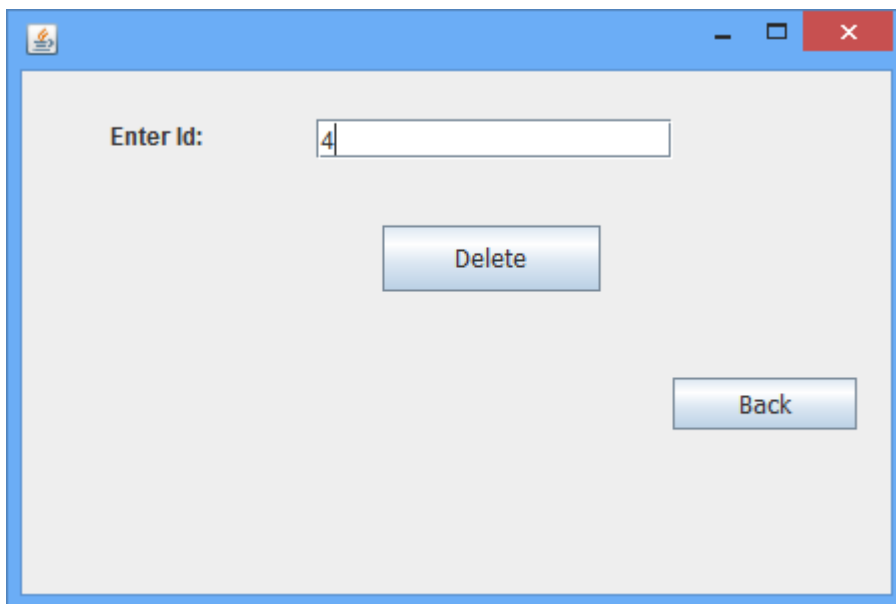| id	name	password	email	address	city	contact
1	Prabhakar	ppp	prabhakar@gm...	javatpoint	noida	9998328238
4	sumedh	sumesh	sumesh@gmai...	Kuch Bhi	noida	93823932823
6	abhi	abhi	abhi@gmail.com	javatpoint	noida	92393282323
7	Ajeet	ajeet	ajeet	javatpoint	noida	9990449935

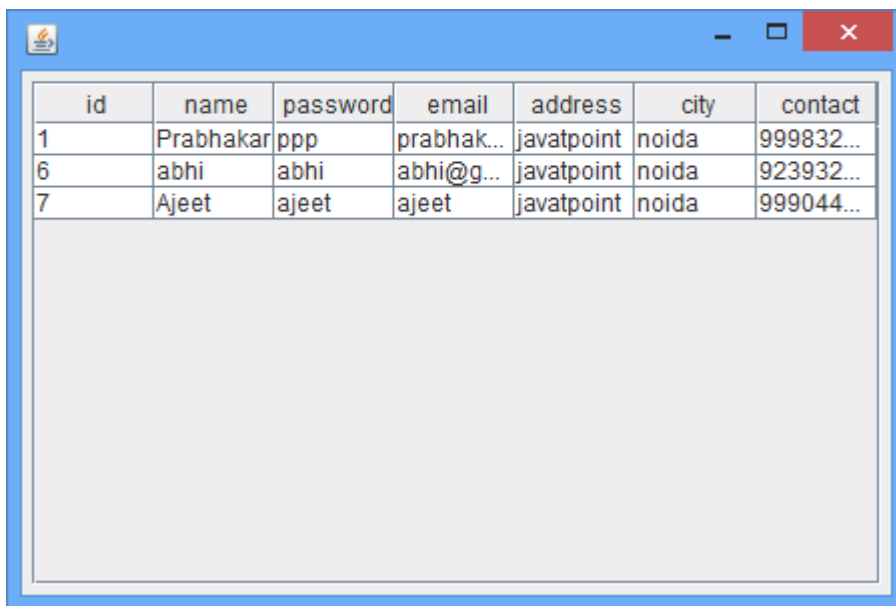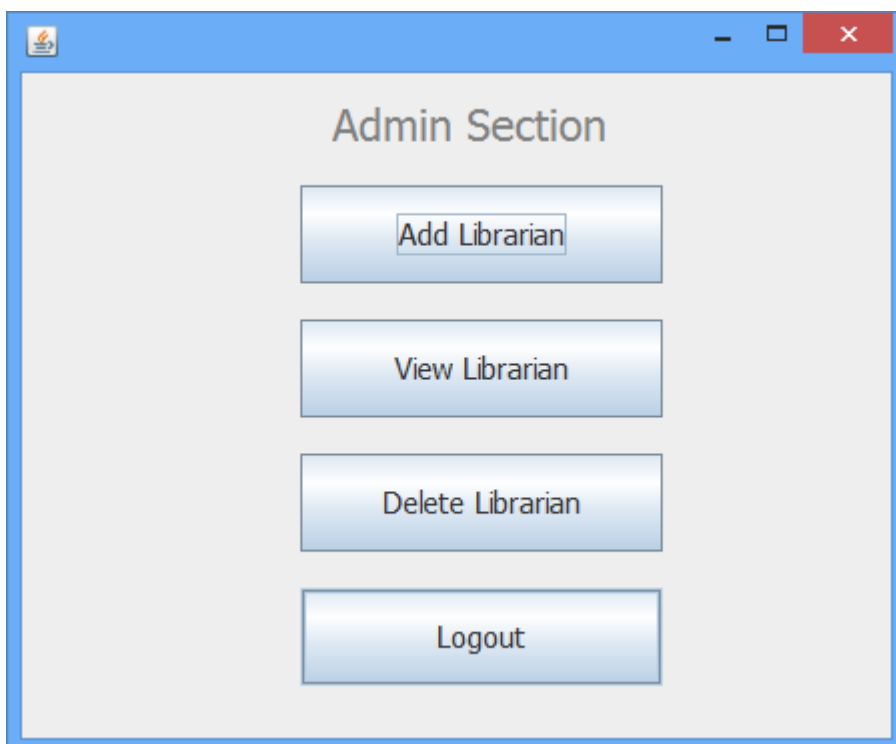Now close the table.

Now click on **Delete Librarian**.

Again click on the **View Librarian** button. You can see librarian is deleted successfully.

id	name	password	email	address	city	contact
1	Prabhakar	ppp	prabhak...	javatpoint	noida	999832...
6	abhi	abhi	abhi@g...	javatpoint	noida	923932...
7	Ajeet	ajeet	ajeet	javatpoint	noida	999044...
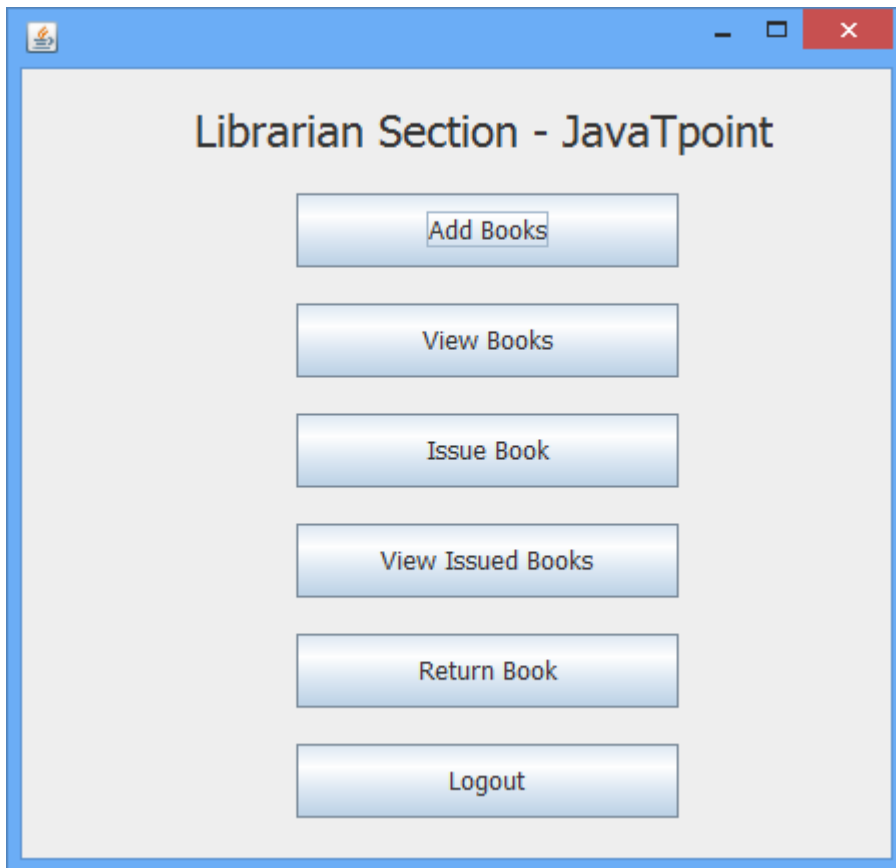
Now close the table.

Admin Section

Add Librarian

View Librarian

Delete Librarian

Logout

Now click on the **Logout** button.

Library Management - JavaTpoint

Admin Login

Librarian Login

Librarian Login Form

Enter Name: Ajeet

Enter Password: •••••

Login

Librarian Section - JavaTpoint

Add Books

View Books

Issue Book

View Issued Books

Return Book

Logout

Add Books

Call No: K@8

Name: Networking

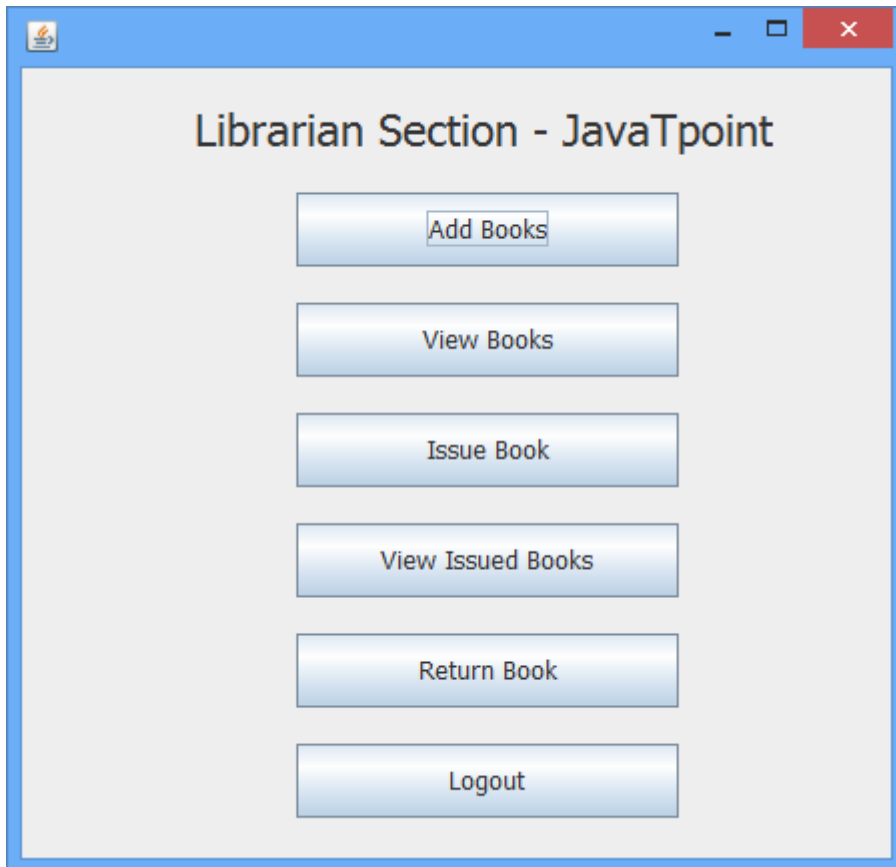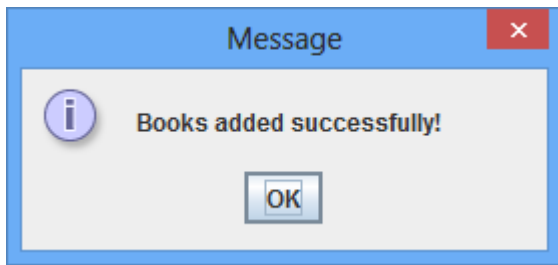Auth...   Forouzan

Publisher: Tata Mc Graw Hill
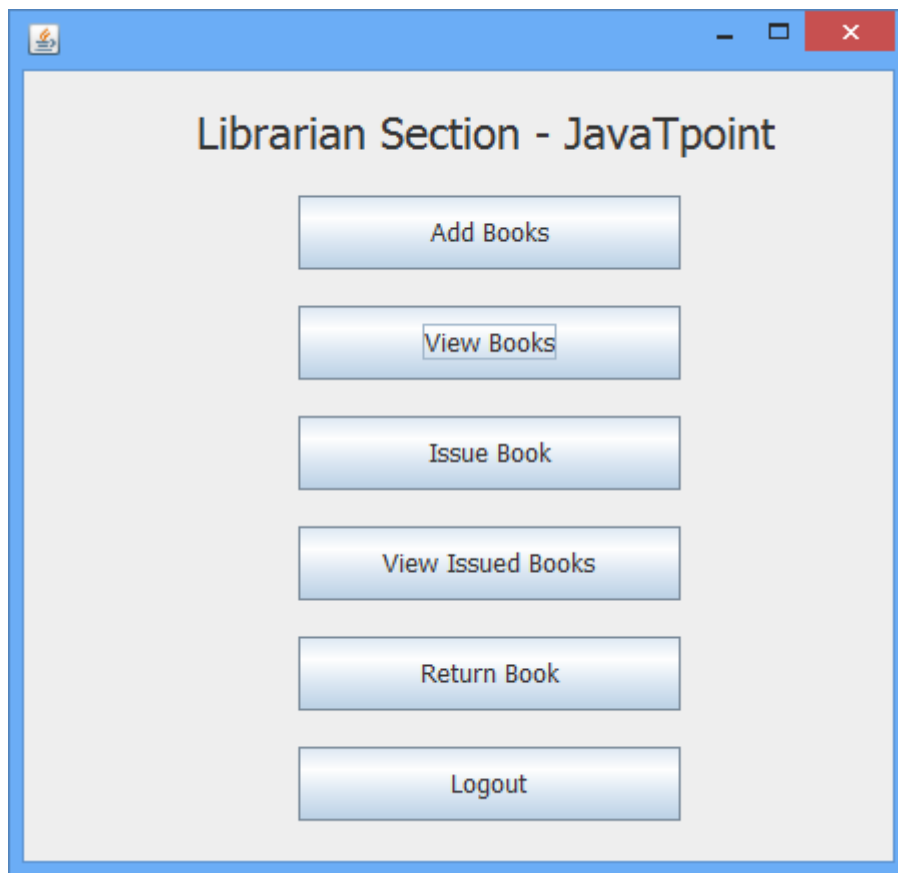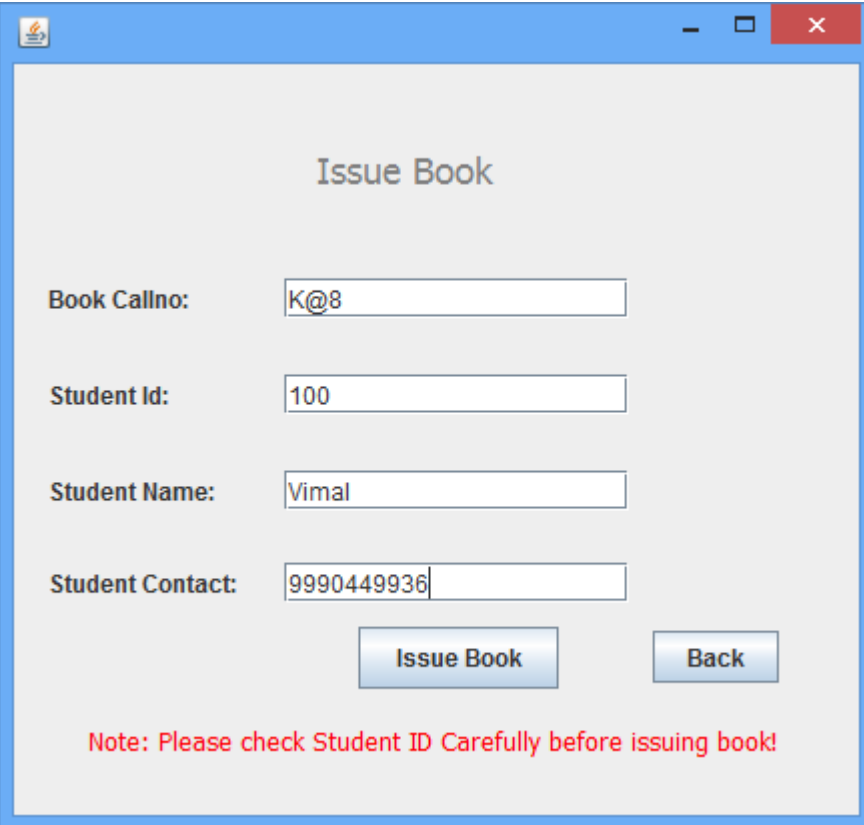
Quantity: 5

Add Books

Back

Now click on the **View Books** button. You can see record is added successfully.

id	callno	name	author	publisher	quantity	issued	added_date
1	A@4	C In Depth	Shrivastav	BPB	2	2	2016-07-20 ...
2	B@1	DBMS	Korth	Pearson	3	0	2016-07-19 ...
3	G@12	Let's see	Yashwant K...	BPB	10	0	2016-07-19 ...
4	K@8	Networking	Forouzan	Tata Mc Gra...	5	0	2016-07-20 ...

Now close the table.

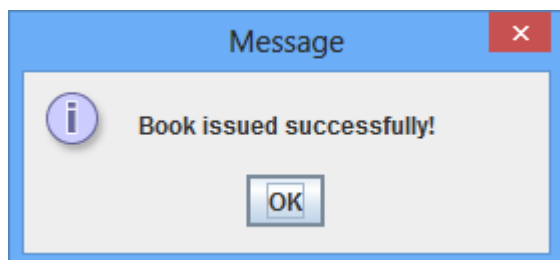

Now click on **Issue Book** button.

Issue Book

Book Callno:	K@8
Student Id:	100
Student Name:	Vimal
Student Contact:	9990449936

Issue Book   **Back**

Note: Please check Student ID Carefully before issuing book!

Message

ⓘ Book issued successfully!

OK

Now click on the **view issued books** button.
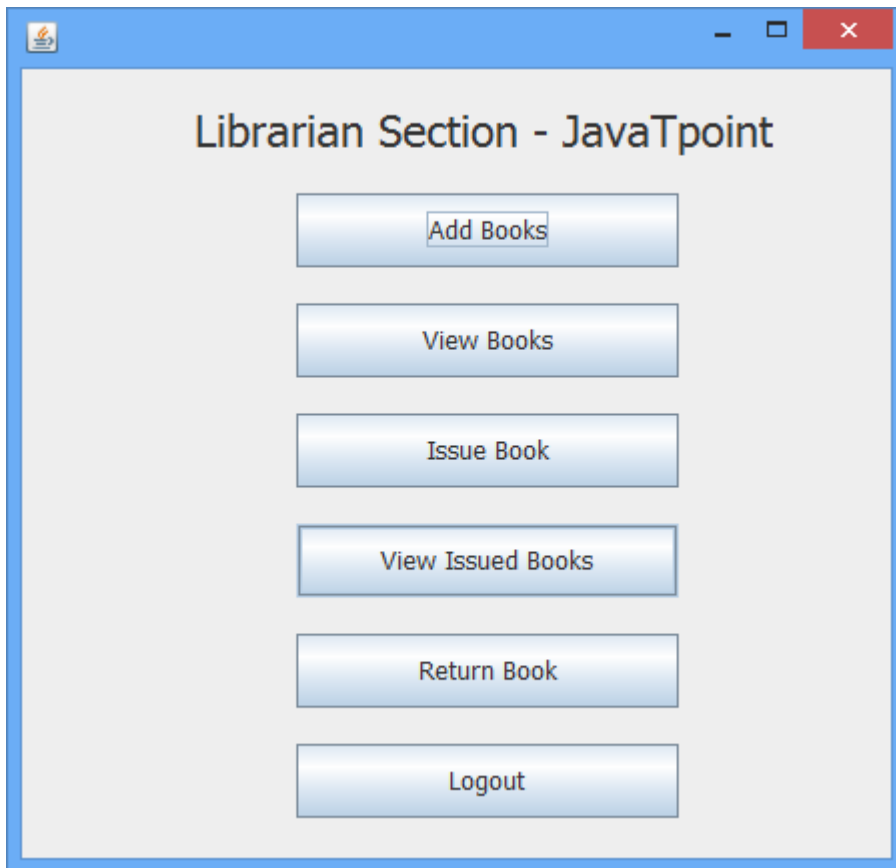
Librarian Section - JavaTpoint

- Add Books
- View Books
- Issue Book
- View Issued Books
- Return Book
- Logout

id	bookcallno	studentid	studentname	studentcontact	issueddate
4	A@4	23	kk	932992932	2016-07-20 00:13...
6	A@4	335	Sumedh	95676565756	2016-07-20 00:14...
7	A@4	87	abhishek	9329882382	2016-07-20 00:16...
8	K@8	100	Vimal	9990449936	2016-07-20 01:38...
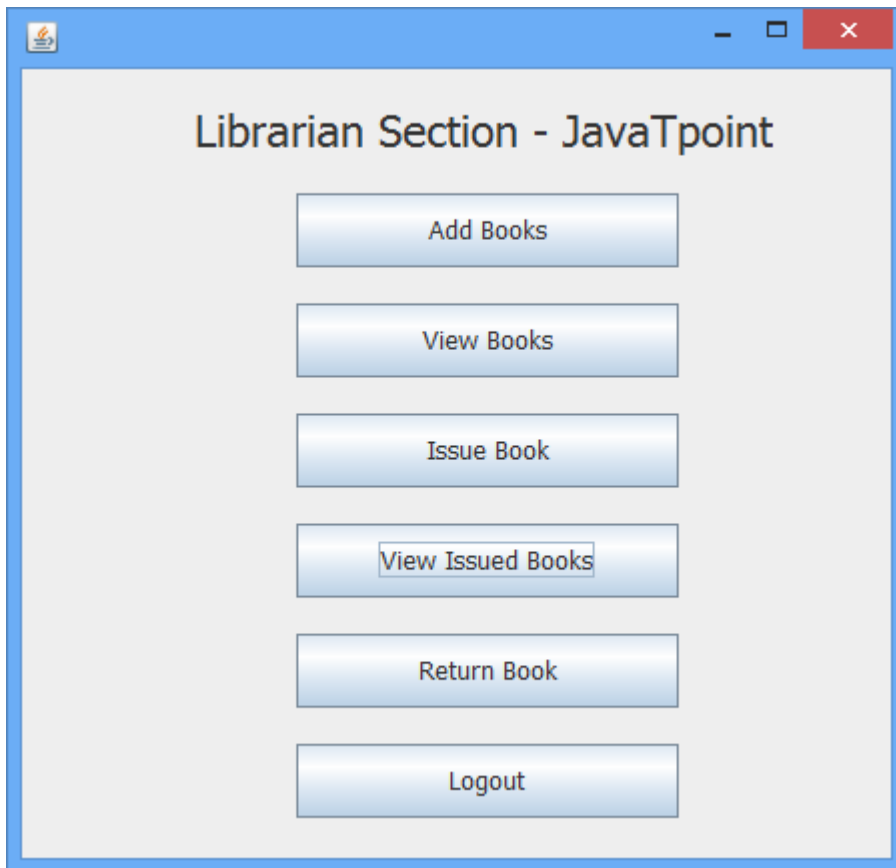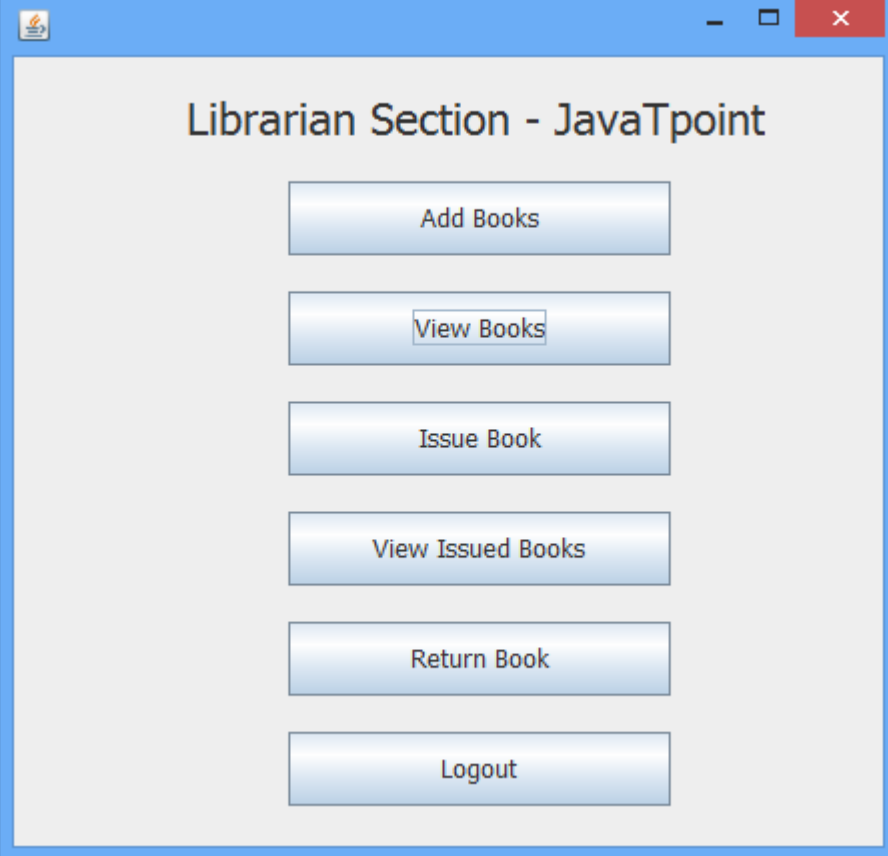
Click on the **View Books** and see **quantity is decremented** and **issued is incremented.**
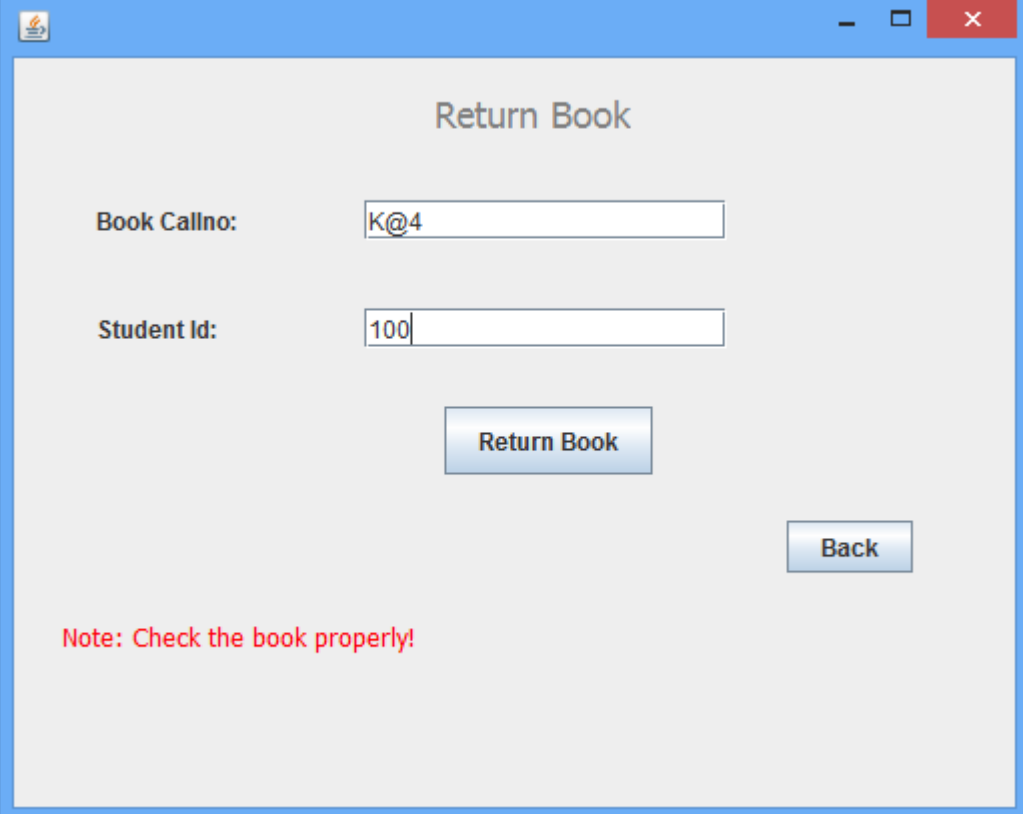
id	callno	name	author	publisher	quantity	issued	added_date
1	A@4	C In Depth	Shrivastav	BPB	2	2	2016-07-20 ...
2	B@1	DBMS	Korth	Pearson	3	0	2016-07-19 ...
3	G@12	Let's see	Yashwant Ka...	BPB	10	0	2016-07-19 ...
4	K@8	Networking	Forouzan	Tata Mc Gra...	4	1	2016-07-20 ...
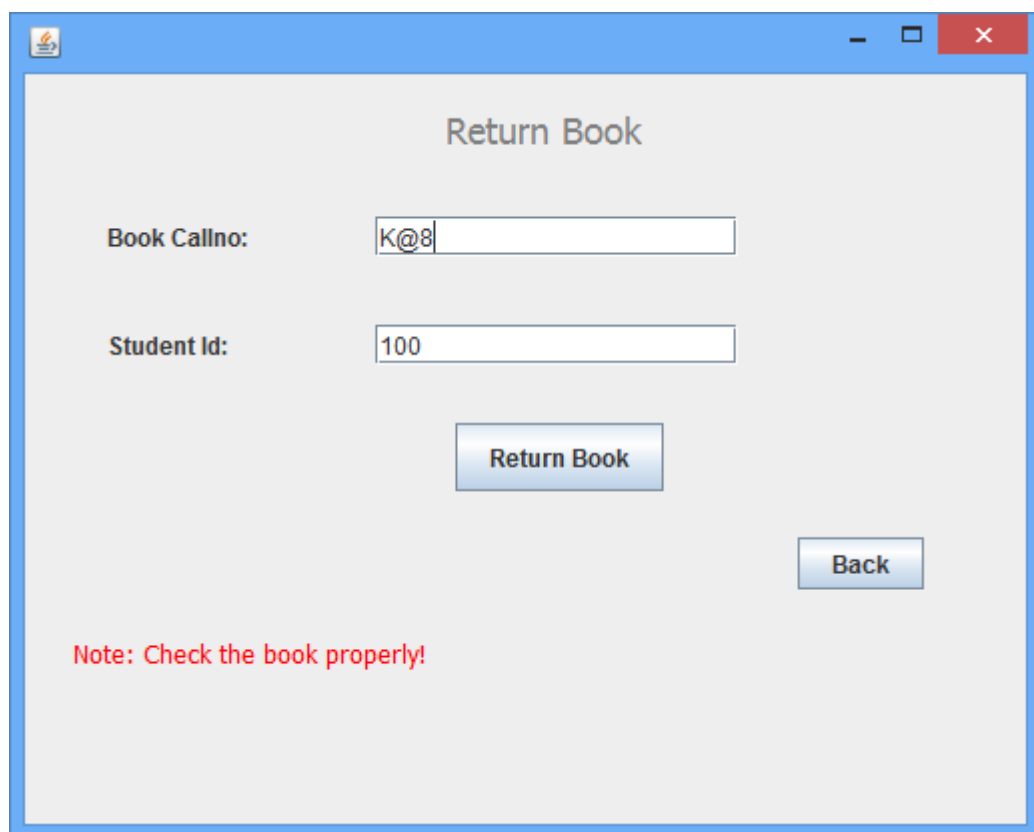
Now click on the **Return Book** button.
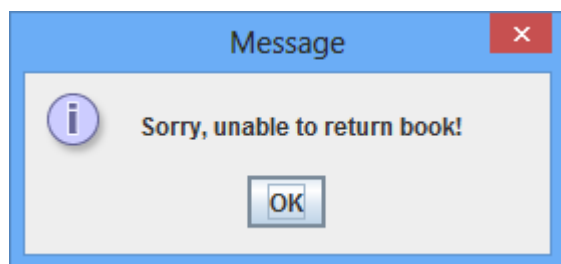
Write the correct Call no and Student Id:
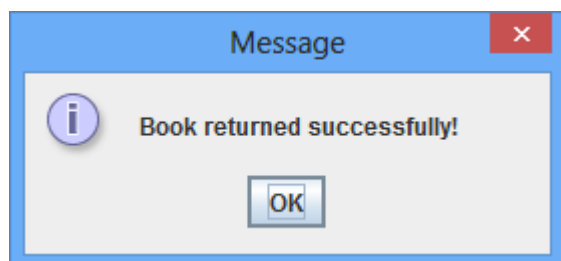
Again click on the **view issued book** button, record is deleted.

Now close the table.

Click on the **View Books** button. You can see that **quantity is incremented** and **issued is decremented**.

id	callno	name	author	publisher	quantity	issued	added_date
1	A@4	C In Depth	Shrivastav	BPB	2	2	2016-07-20...
2	B@1	DBMS	Korth	Pearson	3	0	2016-07-19...
3	G@12	Let's see	Yashwant K...	BPB	10	0	2016-07-19...
4	K@8	Networking	Forouzan	Tata Mc Gra...	5	0	2016-07-20...

Thank You!