

# Lab 7 - Database Connection with JDBC in Java Swing

- Screenshots

## 1. Registration Form

A Java Swing window titled "Patient Registration Form". The window has a light gray background. At the top, there are two buttons: "Form" on the left and "View" on the right. Below these buttons, the title "Patient Registration Form" is centered. On the left side, there are two labels: "Name:" and "Age:". To the right of each label is a white text input field. Below the input fields, there is a "Submit" button. The window is set against a Windows 10 desktop background with a taskbar at the bottom showing various application icons and system information like "6°C Toronto" and "18-11-2023".

## 2. Read (Before Registering any new User)

A Java Swing window titled "Patient Registration Form". The window has a light gray background. At the top, there are two buttons: "Form" on the left and "View" on the right. Below these buttons, the title "Patient Registration Form" is centered. On the left side, there are two labels: "Name:" and "Age:". To the right of each label is a white text input field. Below the input fields, there are three buttons: "Edit", "Save", and "Delete". On the right side of the window, there is a table displaying a list of existing users. The table has three columns: "ID", "Name", and "Age". The data in the table is as follows:

ID	Name	Age
2	JAINIL	21
3	JAINIL MALAVIYA	22

The window is set against a Windows 10 desktop background with a taskbar at the bottom showing various application icons and system information like "6°C Cloudy" and "18-11-2023".

### 3. Create (New Registration)

A screenshot of a web browser window displaying a "Patient Registration Form". The browser's address bar shows a local file path. The page has a light gray background. At the top, there are two buttons: "Form" on the left and "View" on the right. The main content area is titled "Patient Registration Form" in bold. Below the title, there are two input fields: "Name:" with the value "Jeel" and "Age:" with the value "20". A "Submit" button is located below these fields. The Windows taskbar is visible at the bottom, showing various application icons and the system clock indicating 02:35 on 18-11-2023.

#### 4. Create (Successfully Registered Dialog Box)

The image is a screenshot of a web browser window. At the top, there's a light blue header bar with a 'Form' button on the left and a 'View' button on the right. Below the header, the main content area has a title 'Patient Registration Form' in bold. Underneath the title, there are two input fields: 'Name:' with the value 'Jeel' and 'Age' with the value '20'. Below these fields is a 'Submit' button. A modal dialog box is open in the center of the screen, titled 'Successful Registration' with a close button (X). The message inside the modal says 'User Registered Successfully' and there is an 'OK' button at the bottom right of the modal. The browser's taskbar is visible at the bottom, showing various application icons and the system clock indicating 02:36 on 18-11-2023.

## 5. Read (After Registering new user)

Form

View

Patient Registration Form

Name:

Age:

Edit

Save

Delete

ID	Name	Age
2	JAINIL	21
3	JAINIL MALAVIYA	22
4	Jeel	20

6°C Cloudy

Search

ENG IN

02:36 18-11-2023

## 6. Update (Editing details of ID 3)

Form

View

Patient Registration Form

Name:

JAINIL S. MALAVIYA

Age:

22

Edit

Save

Delete

ID	Name	Age
2	JAINIL	21
3	JAINIL MALAVIYA	22
4	Jeel	20

6°C Cloudy

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02:37 18-11-2023

# 7. Read (After updating Details)

Form

View

Patient Registration Form

Name:

Age:

Edit

Save

Delete

ID	Name	Age
2	JAINIL	21
3	JAINIL S. MALAVIYA	22
4	Jeel	20
5	Jenil	20

6°C Cloudy

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02:52 18-11-2023

# 8. Delete (ID 3)

Form

View

Patient Registration Form

Name:

Age:

Edit

Save

Delete

ID	Name	Age
2	JAINIL	21
3	JAINIL S. MALAVIYA	22
4	Jeel	20
5	Jenil	20

Successfully deleted User

User Deleted Successfully

OK

6°C Cloudy

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02:53 18-11-2023

## 9. Read (After Deleting ID 3)

**Patient Registration Form**

Name:

Age:

Edit Save Delete

ID	Name	Age
2	JAINIL	21
4	Jeel	20
5	Jenil	20

## 10. Database in MySQL Workbench

MySQL Workbench

localhost - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

Query 1

```

1 create database test;
2 use test;
3 create table User( Id int auto_increment primary key,
4 Name varchar(256),
5 Age int);
6
7 select * from User;

```

Result Grid

ID	Name	Age
1	NULL	NULL

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

#	Time	Action	Message	Duration / Fetch
2	23:41:26	create database test	1 row(s) affected	0.016 sec
3	23:41:31	use test	0 row(s) affected	0.000 sec
4	23:41:36	create table User( Id int auto_increment primary key, Name varchar(256), Age int)	0 row(s) affected	0.062 sec
5	23:41:40	select * from User LIMIT 0, 1000	0 row(s) returned	0.031 sec / 0.000 sec
6	02:08:16	select * from User LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
7	02:29:27	select * from User LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec

## 11. Docker MySQL running screenshot

Docker Desktop

Update to latest

Search for images, containers, volumes, extensions and more...

Ctrl+K

jani21...

Containers

Images

Volumes

Dev Environments BETA

Docker Scout

Learning center

Extensions

⊕ Add Extensions

Containers

Give feedback

Container CPU usage ⓘ

0.00% / 1000% (10 cores allocated)

Container memory usage ⓘ

0B / 11.35GB

Show charts

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Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	<div> <a href="#">mysql</a> 650ef4d930d4</div>	<a href="#">mysql</a>	Running	0%	<a href="#">3306:3306</a>	5 hours ago	<div> </div>
<input type="checkbox"/>	<div> <a href="#">practical_hypatia</a> a118a87c4657</div>	<a href="#">getting-started</a>	Exited	0%	<a href="#">3000:3000</a>	23 days ago	<div> </div>

Showing 2 items

Engine running

RAM 2.86 GB CPU 0.00% Signed in

Feels colder Now

Search

ENG IN 02:31 18-11-2023