

# Wireless Networks Lab. Inje University



**Instruction to install  
MySQL, MySQL Workbench  
and MySQL J Connector**

1. **Install MySQL and MySQL Workbench**
2. **Instruction to use MySQL Workbench**
3. **Install MySQL J Connector**

# 1. Install MySQL and MySQL Workbench

---

# 1. Install MySQL and MySQL Workbench

## Install Mysql on Windows 10:

- ❖ Access this link to download Mysql:  
<https://dev.mysql.com/downloads/mysql/>

General Availability (GA) Releases

### MySQL Community Server 8.0.18

Select Operating System:  Looking for previous GA versions?

Recommended Download:

**MySQL Installer for Windows**  
All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI pack.

Windows (x86, 32 & 64-bit), MySQL Installer MSI [Go to Download Page >](#)

Other Downloads:

Windows (x86, 64-bit), ZIP Archive (mysql-8.0.18-winx64.zip)	8.0.18	272.3M	<a href="#">Download</a>
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.18-winx64-debug-test.zip)	8.0.18	402.6M	<a href="#">Download</a>

General Availability (GA) Releases

### MySQL Installer 8.0.18

Select Operating System:  Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.18.0.msi)	8.0.18	18.6M	<a href="#">Download</a>
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.18.0.msi)	8.0.18	415.1M	<a href="#">Download</a>



# 1. Install MySQL and MySQL Workbench

## MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

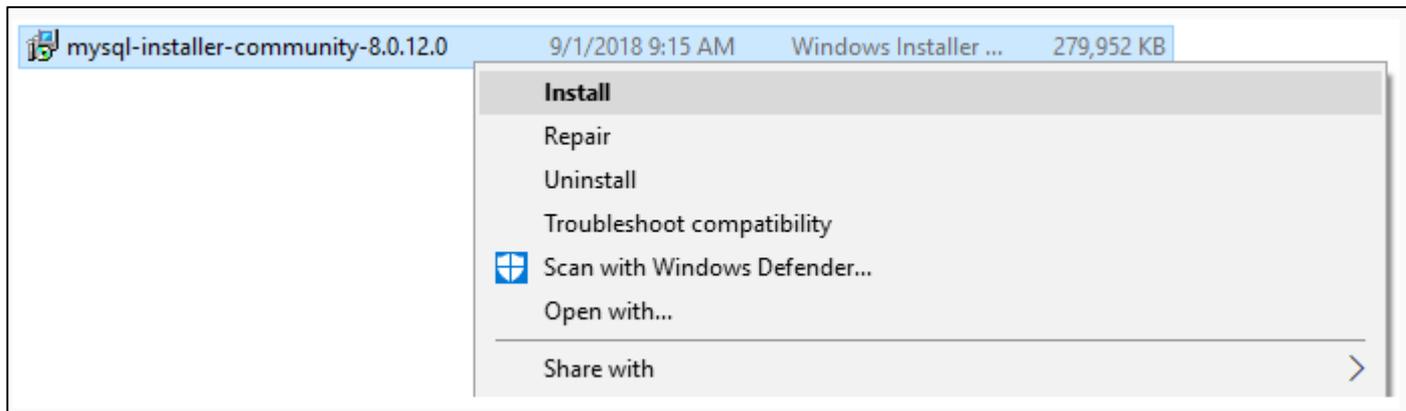
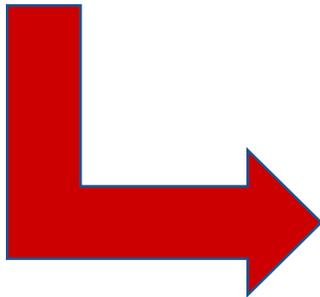
**Login »**  
using my Oracle Web account

**Sign Up »**  
for an Oracle Web account

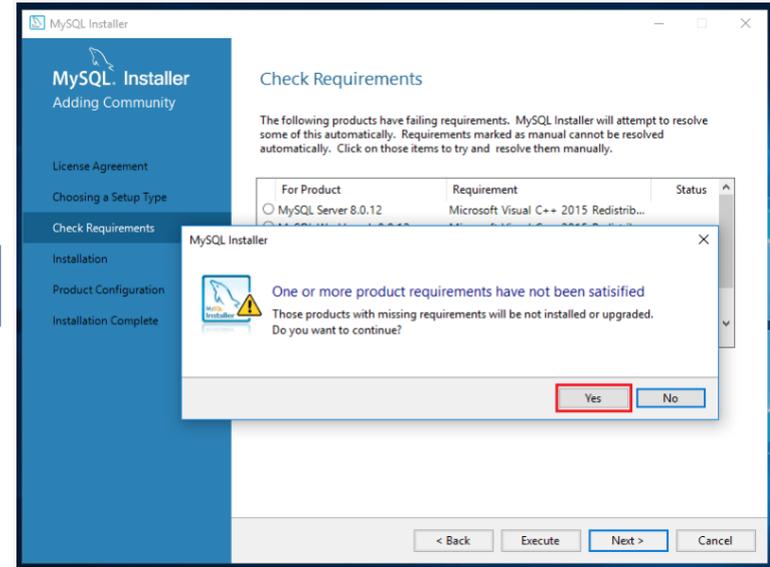
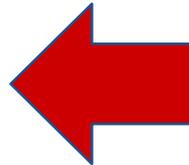
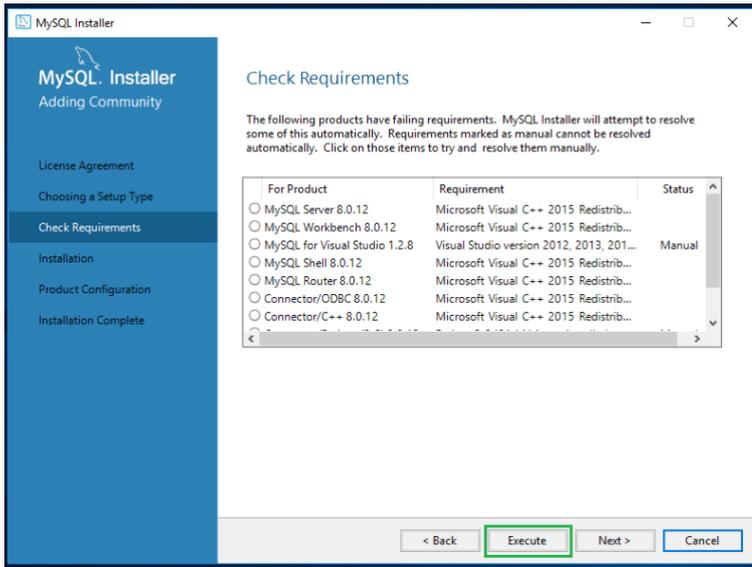
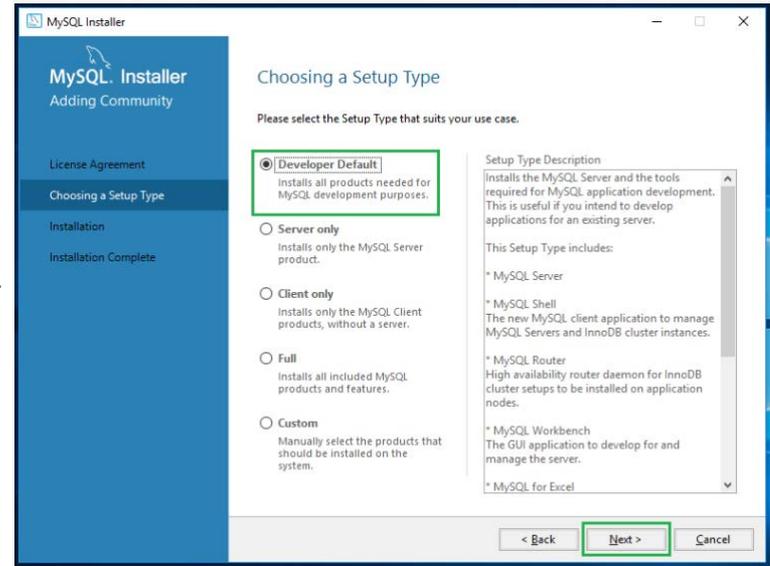
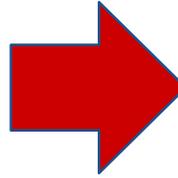
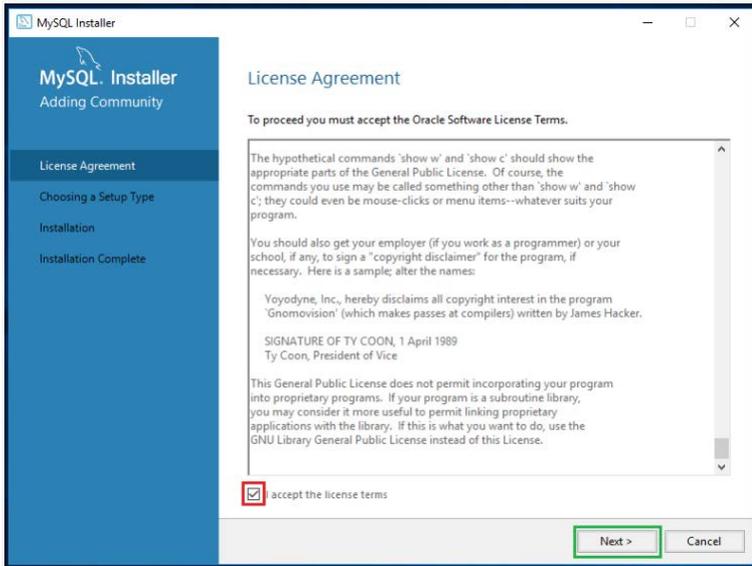
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

**No thanks, just start my download.**

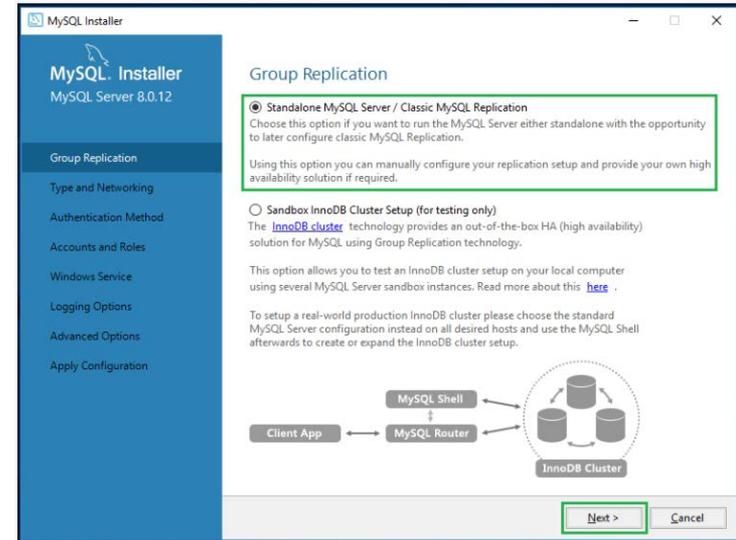
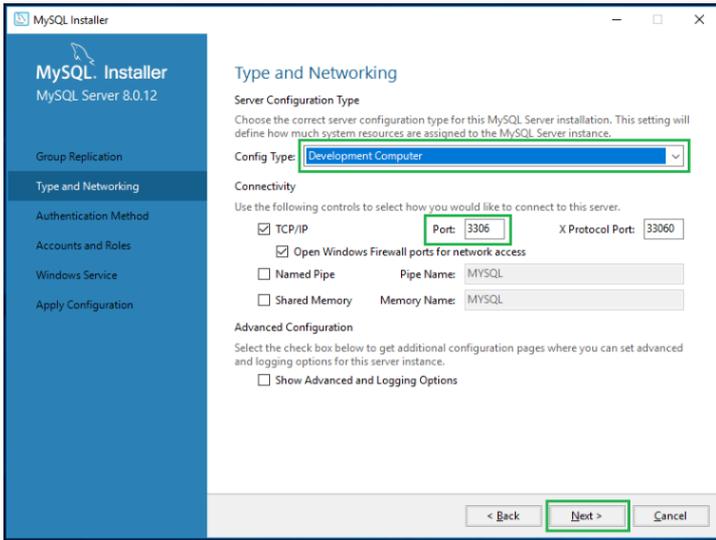
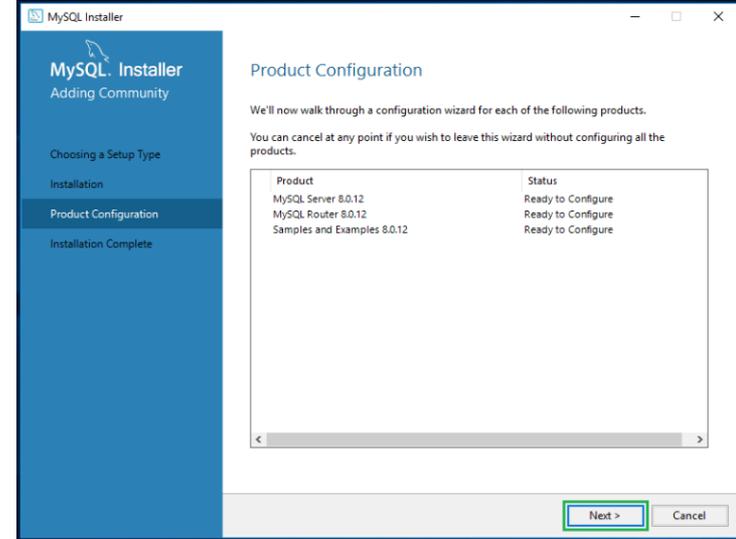
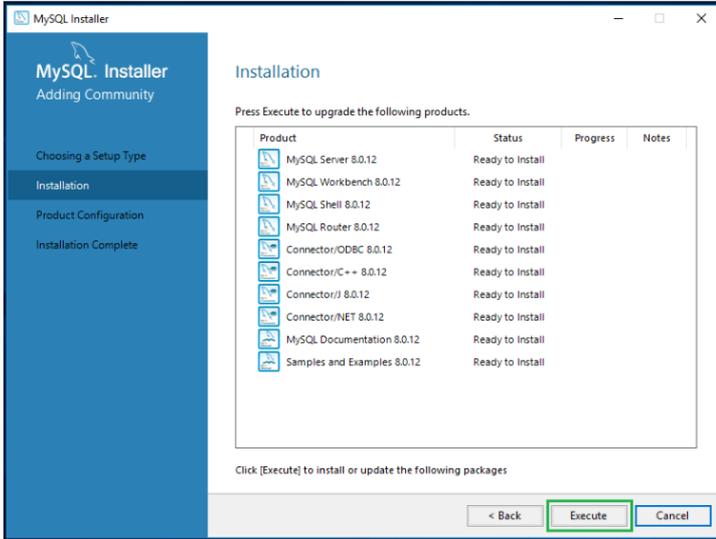
❖ Go to your downloads folder where you can see the **mysql-installer-community** file, right click on that file and click **Install** option.



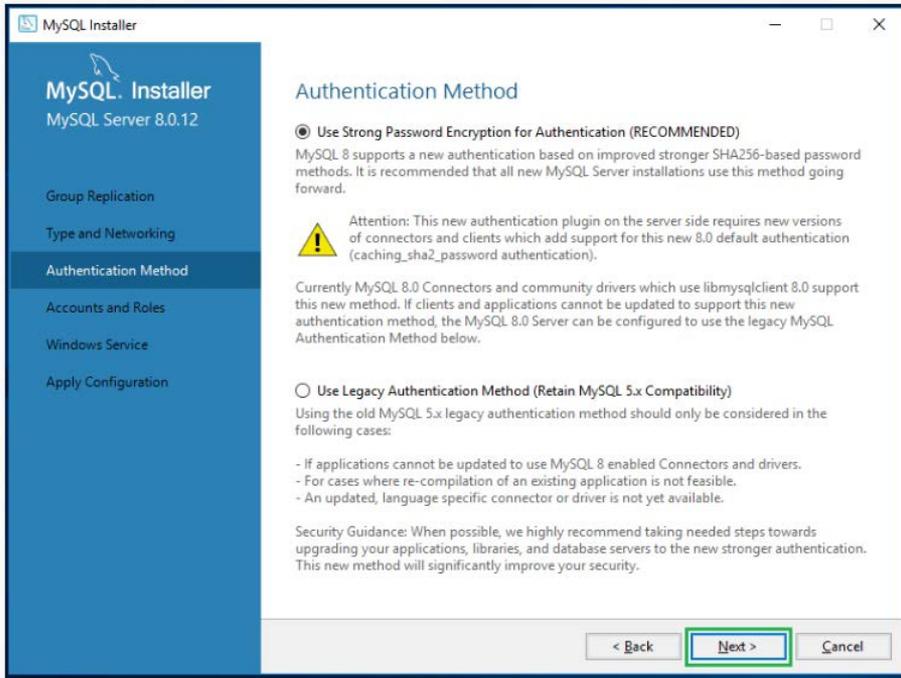
# 1. Install MySQL and MySQL Workbench



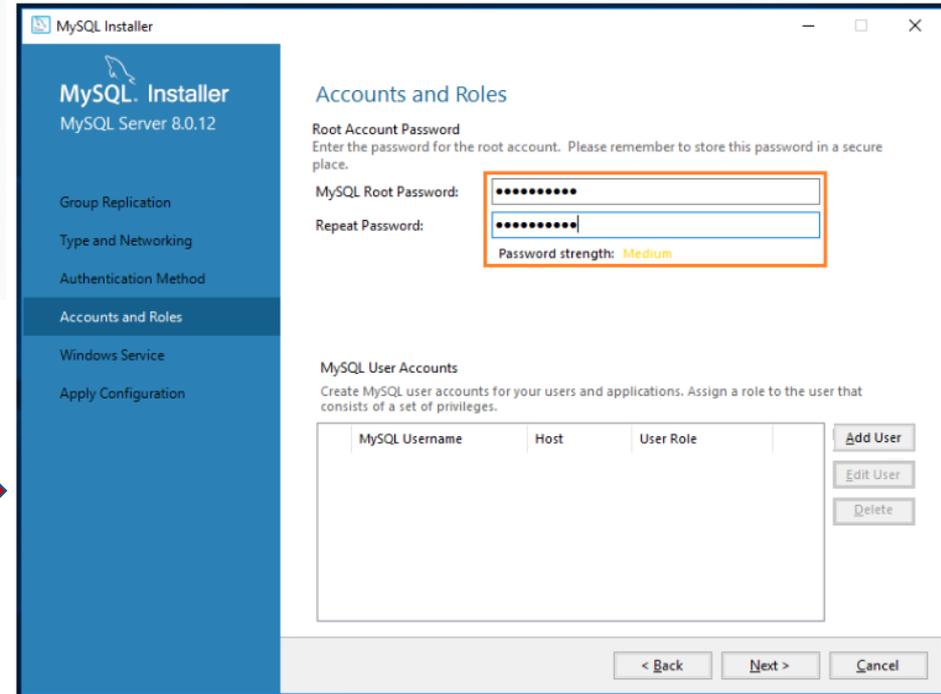
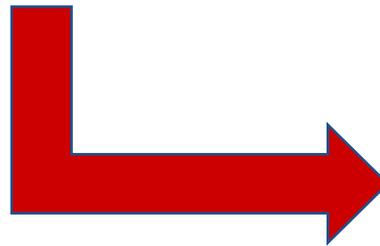
# 1. Install MySQL and MySQL Workbench



# 1. Install MySQL and MySQL Workbench



❖ Here you can set your MySQL root user password.

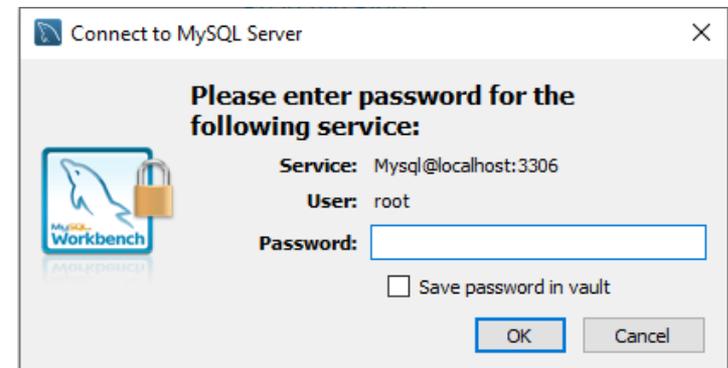
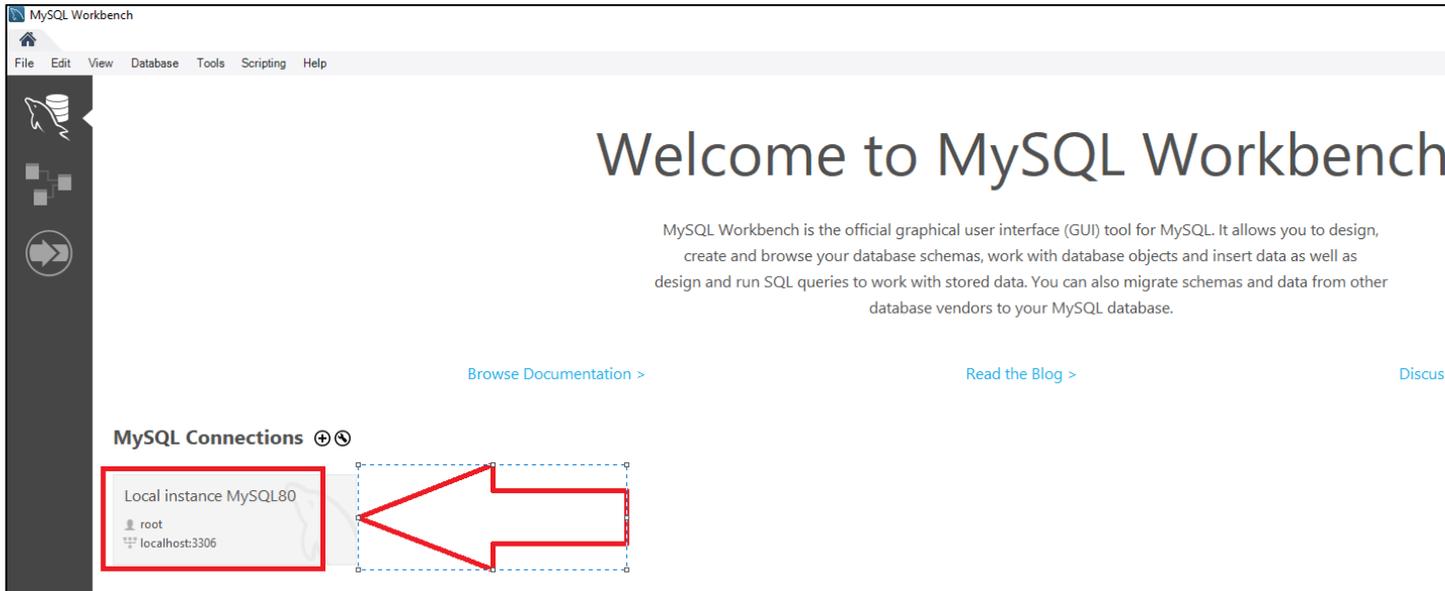


# 2. Instruction to use MySQL Workbench

---

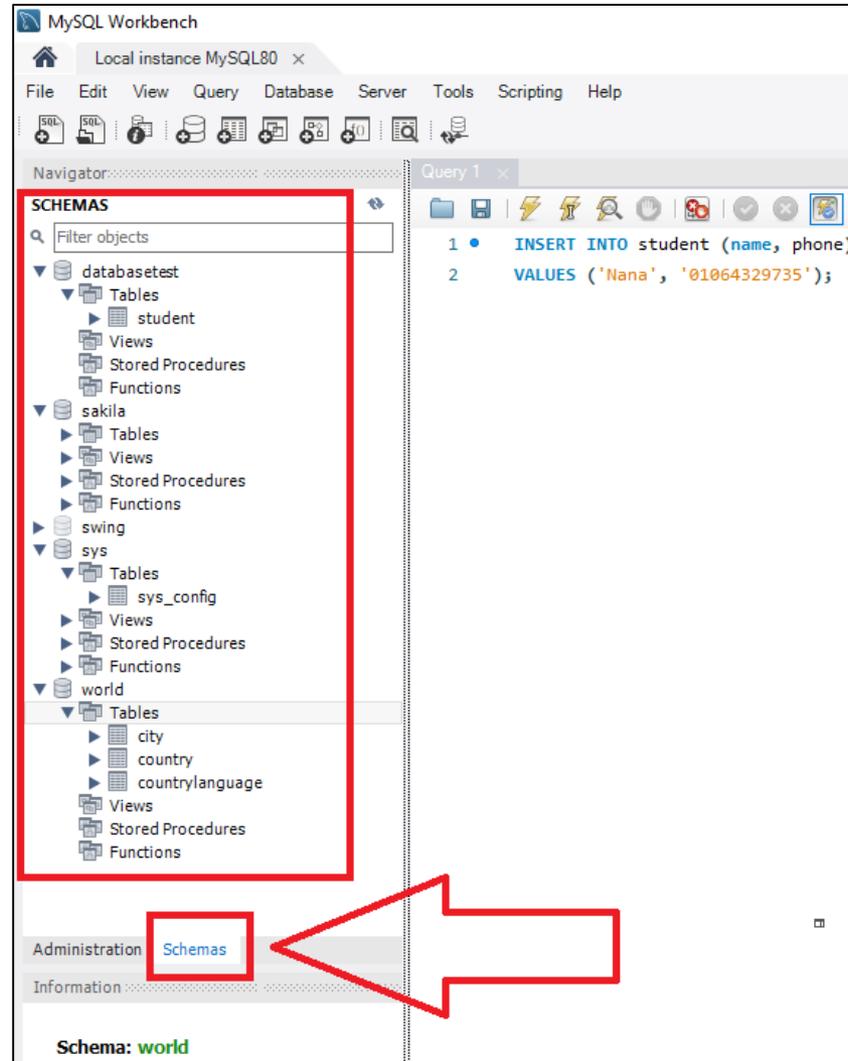
## 2. Instruction to use MySQL Workbench

- ❖ Open MySQL Workbench and select **local instance MySQL80**, and then input your password of user **root**



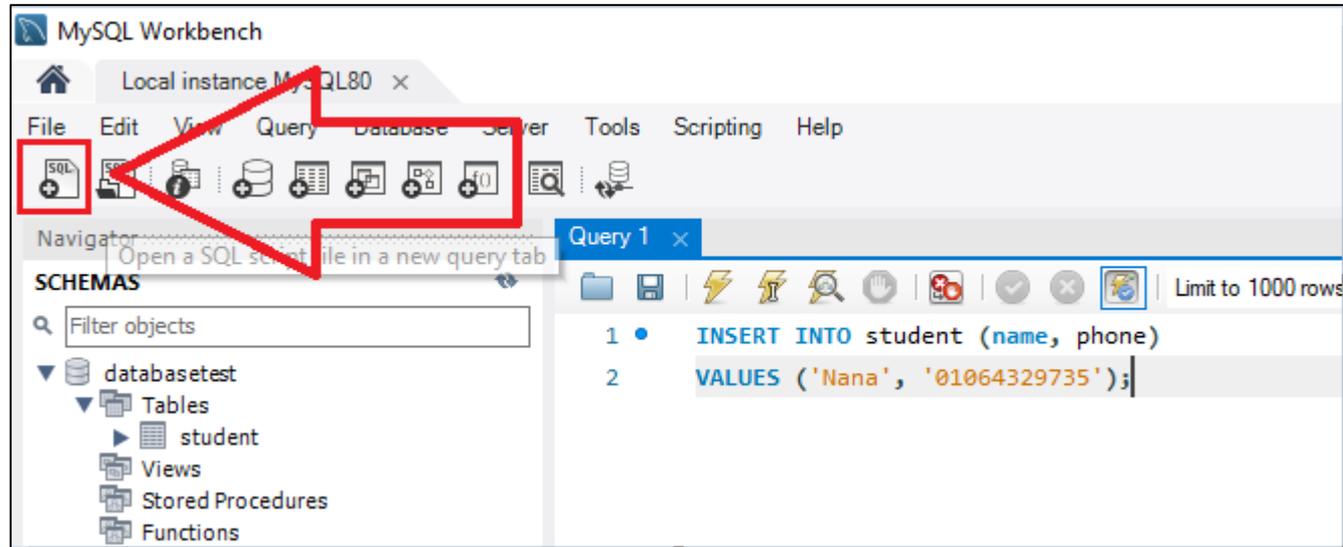
## 2. Instruction to use MySQL Workbench

- ❖ Click **Schemas** on the left side bar to view list of databases.

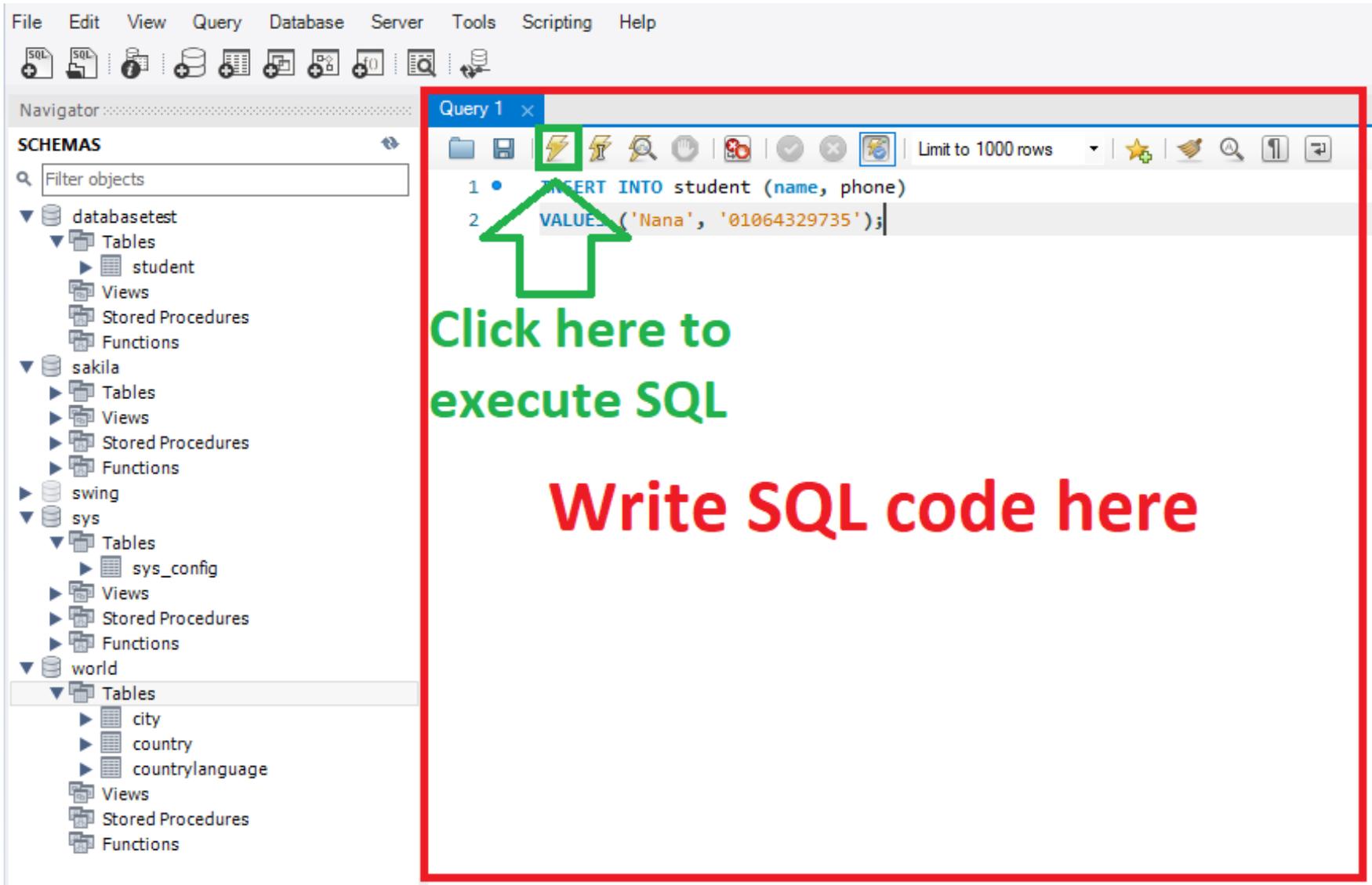


## 2. Instruction to use MySQL Workbench

- ❖ Click  to create a new SQL tab for executing queries.



## 2. Instruction to use MySQL Workbench

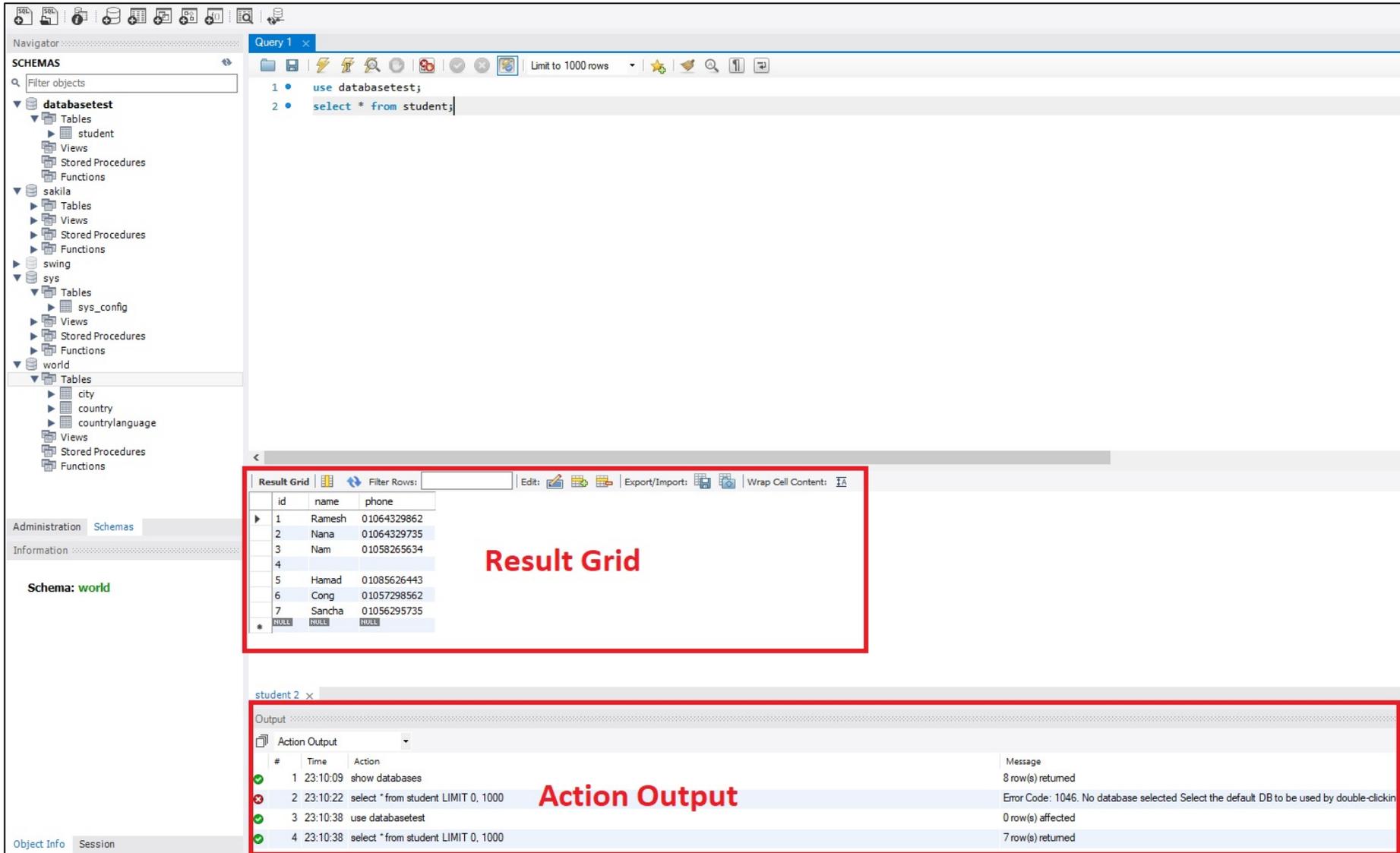


The screenshot displays the MySQL Workbench interface. On the left is the Navigator pane showing a tree view of databases and their objects. The main window shows a SQL query editor with the following code:

```
1 • INSERT INTO student (name, phone)
2   VALUES ('Nana', '01064329735');
```

A red box highlights the query editor area. A green arrow points to the lightning bolt icon (the execute button) in the toolbar above the query editor. The text "Click here to execute SQL" is written in green below the arrow. The text "Write SQL code here" is written in red below the query editor.

# 2. Instruction to use MySQL Workbench



The screenshot shows the MySQL Workbench interface. On the left is the 'SCHEMAS' tree view showing databases like 'databasetest', 'sakila', 'swing', 'sys', and 'world'. The 'world' database is selected, showing tables like 'city', 'country', and 'countrylanguage'. The main editor window shows a query with two lines: 'use databasetest;' and 'select \* from student;'. Below the editor is the 'Result Grid' showing a table with columns 'id', 'name', and 'phone'. The table contains 7 rows of data. Below the Result Grid is the 'Output' window showing 'Action Output' with a table of execution logs, including timestamps, actions, and messages. The 'Action Output' table shows that the 'select \* from student' query returned 7 rows.

**Result Grid**

id	name	phone
1	Ramesh	01064329862
2	Nana	01064329735
3	Nam	01058265634
4		
5	Hamad	01085626443
6	Cong	01057298562
7	Sancha	01056295735
NULL	NULL	NULL

**Action Output**

#	Time	Action	Message
1	23:10:09	show databases	8 row(s) returned
2	23:10:22	select * from student LIMIT 0, 1000	Error Code: 1046. No database selected Select the default DB to be used by double-clickin
3	23:10:38	use databasetest	0 row(s) affected
4	23:10:38	select * from student LIMIT 0, 1000	7 row(s) returned

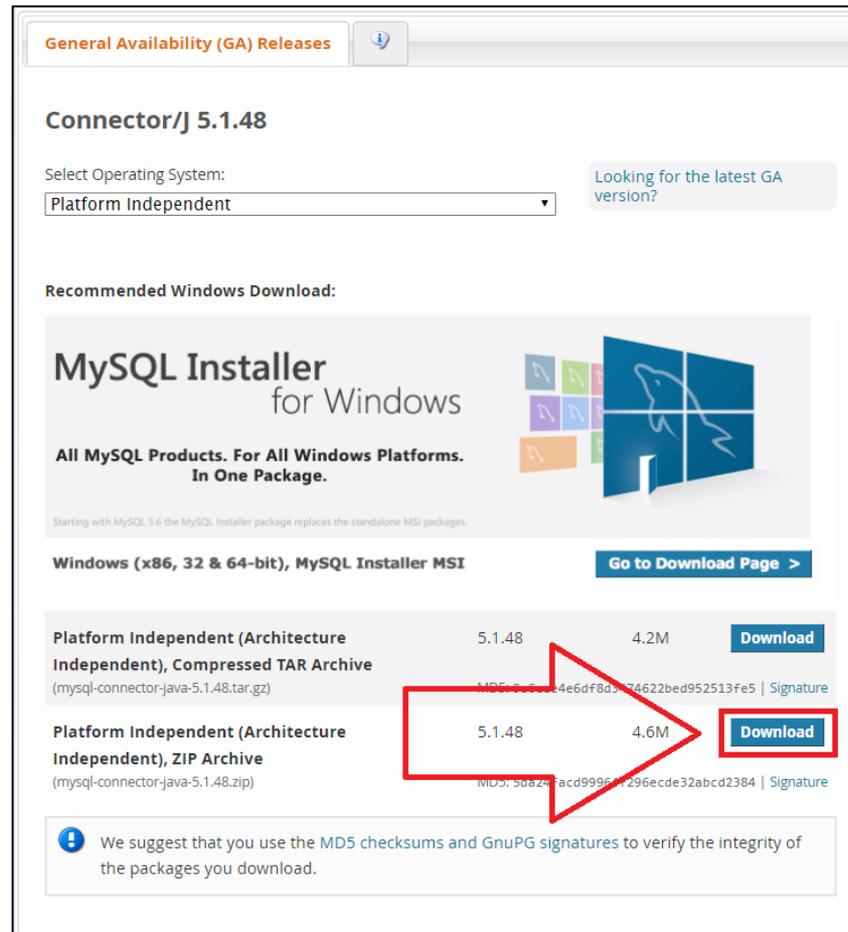
# 3. Install MySQL J Connector

---



# 3. Install MySQL J Connector

- ❖ In order to connect Java to MySQL, we need the Connector/J. Accessing this link to download Connector/J: <https://dev.mysql.com/downloads/connector/j/>



General Availability (GA) Releases

## Connector/J 5.1.48

Select Operating System:  
 Looking for the latest GA version?

Recommended Windows Download:

**MySQL Installer for Windows**

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI [Go to Download Page >](#)

Platform Independent (Architecture Independent), Compressed TAR Archive <small>(mysql-connector-java-5.1.48.tar.gz)</small>	5.1.48	4.2M	<a href="#">Download</a>
Platform Independent (Architecture Independent), ZIP Archive <small>(mysql-connector-java-5.1.48.zip)</small>	5.1.48	4.6M	<a href="#">Download</a>

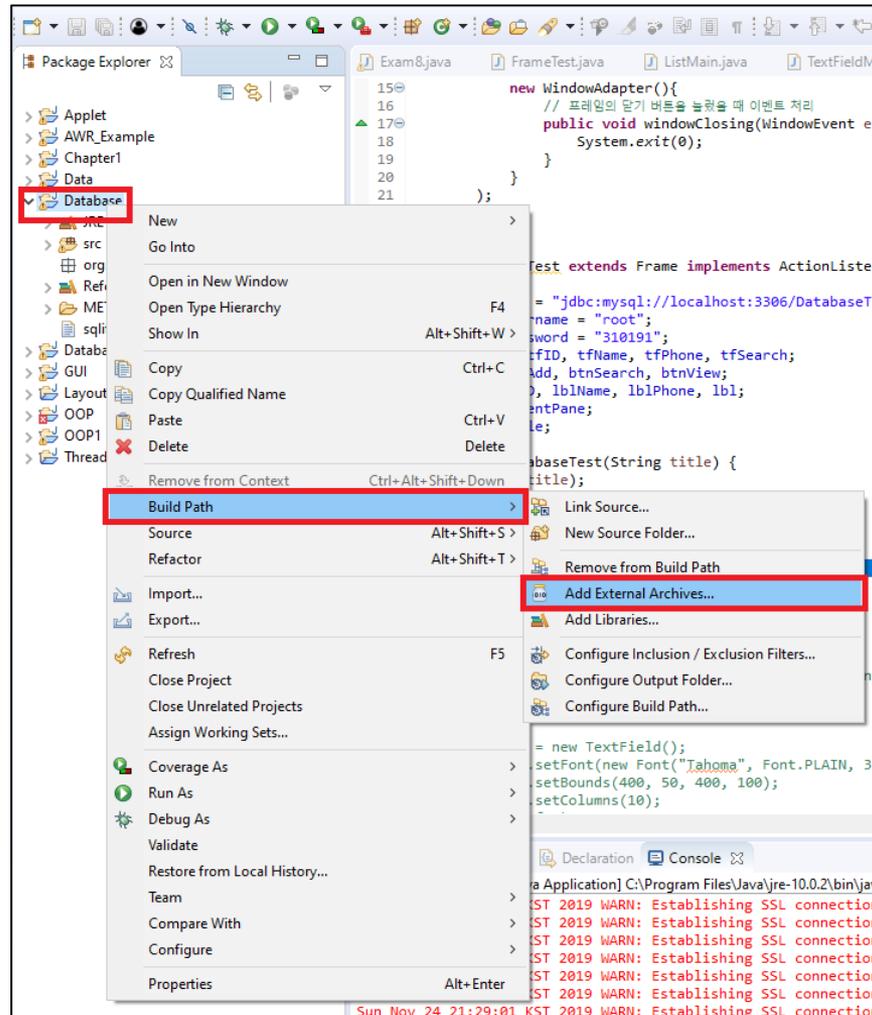
MD5: 30a2e7facd999617296ecde32abcd2384 | Signature

MD5: 30a2e7facd999617296ecde32abcd2384 | Signature

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

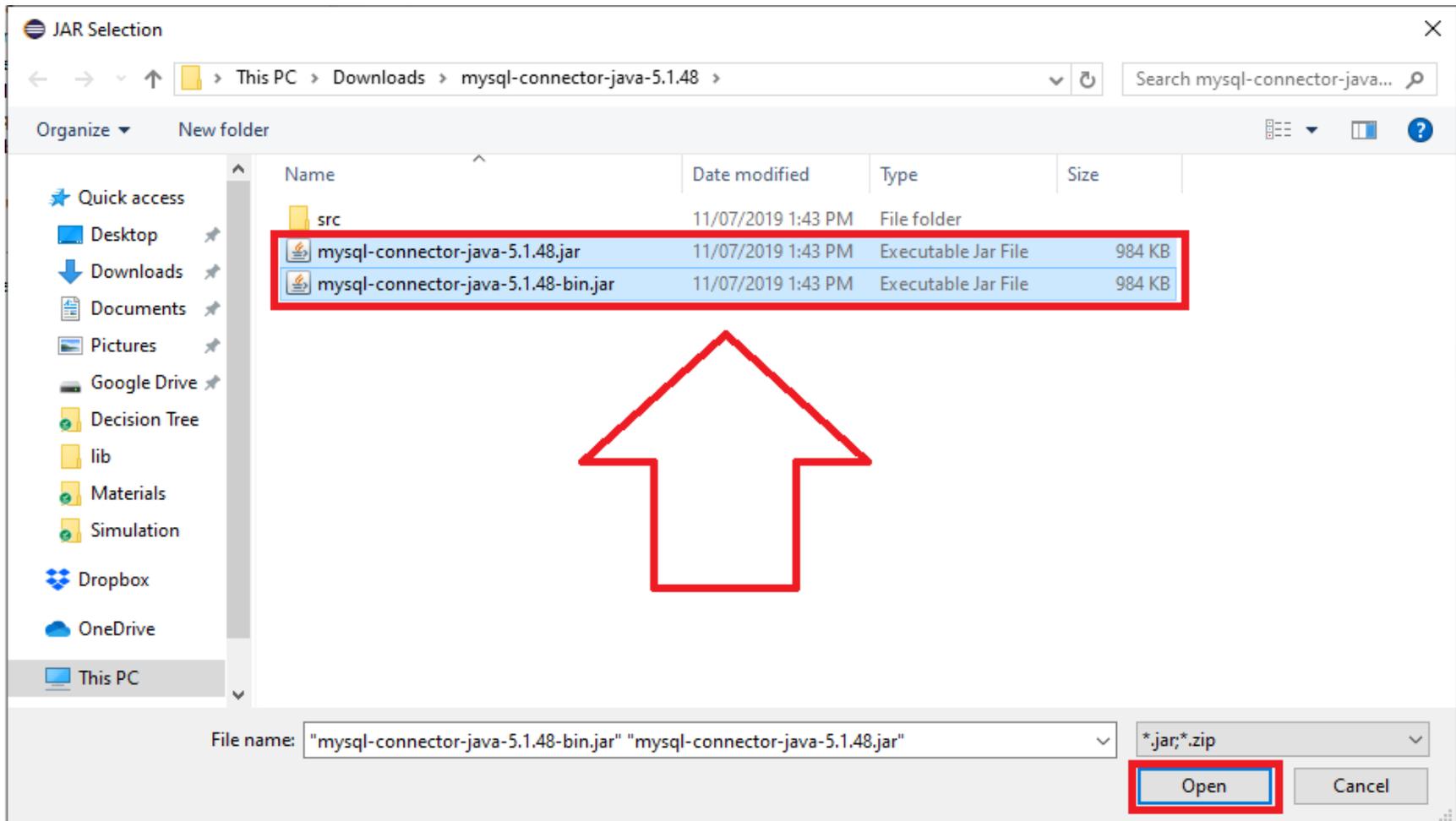
# 3. Install MySQL J Connector

- ❖ Extract **mysql-connector-java** file.
- ❖ Open Eclipse, right click on Java project → Build Path → Add External Archives...



# 3. Install MySQL J Connector

- ❖ Open the jconnector you have downloaded and select 2 files as in the image and then click **Open**



## 3. Install MySQL J Connector

- ❖ Jconnector added to Java Project. Now we can connect MySQL in Eclipse.

