

# FRESHER ACADEMY

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## Setup MySQL Workbench with Xampp

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	<b>Assignment topic</b> : MySQL Lab <b>Assignment duration</b> : 15 minutes	<b>FRESHER ACADEMY</b>
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## Objective

- Set up MySQL Workbench with XAMPP:
- Fresher 's information include:
  - o Name
  - o Birthdate
  - o School
  - o Class Name
  - o Skill
  - o Year Old
- Fresher can use this to create and manage database on your local development environment.

## Working requirements

- Working environment: **MySQL Workbench 8.0**

## Project Descriptions

### 1. Step 1: Download and Install XAMPP

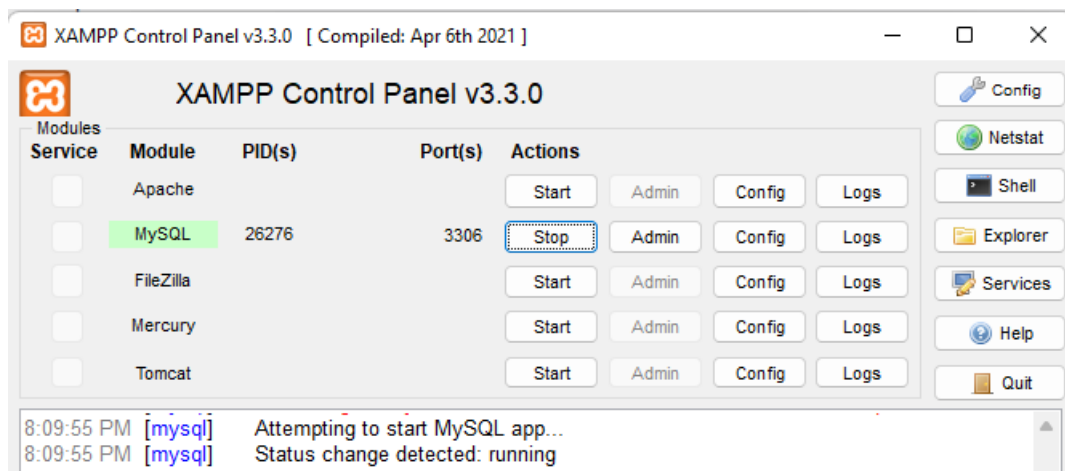
- Go to the Apache Friends website (<https://www.apachefriends.org/index.html>).
- Download the XAMPP installer for your specific operating system (Windows, macOS, or Linux).



- Run the installer and follow the on-screen instructions to install XAMPP. Make sure to include MySQL in the components to be installed.

## 2. Step 2: Start XAMPP and MySQL Server

- After installing XAMPP, open it, and start the Apache and MySQL modules by clicking the "Start" buttons next to them in the XAMPP Control Panel.
- Once Apache and MySQL are running, you'll see the corresponding module names turn green.



## 3. Step 3: Download and Install MySQL Workbench

- Go to the MySQL website (<https://dev.mysql.com/downloads/workbench/>).
- Download the appropriate version of MySQL Workbench for your operating system (Windows, macOS, or Linux).
- Run the installer and follow the on-screen instructions to install MySQL Workbench on your computer.

## 4. Step 4: Connect MySQL Workbench:

- Open MySQL Workbench after installation.
- Click on the "+" icon next to "MySQL Connections" to create a new connection.

- Enter the following details for the connection:
  - Connection Name: Choose a name for your connection (e.g., XAMPP MySQL).
  - Connection Method: Standard TCP/IP.
  - Hostname: 127.0.0.1 (or localhost).
  - Port: 3306 (default MySQL port for XAMPP).
  - Username: root.
  - Password: Leave the password field empty (the default password for XAMPP's MySQL is blank).

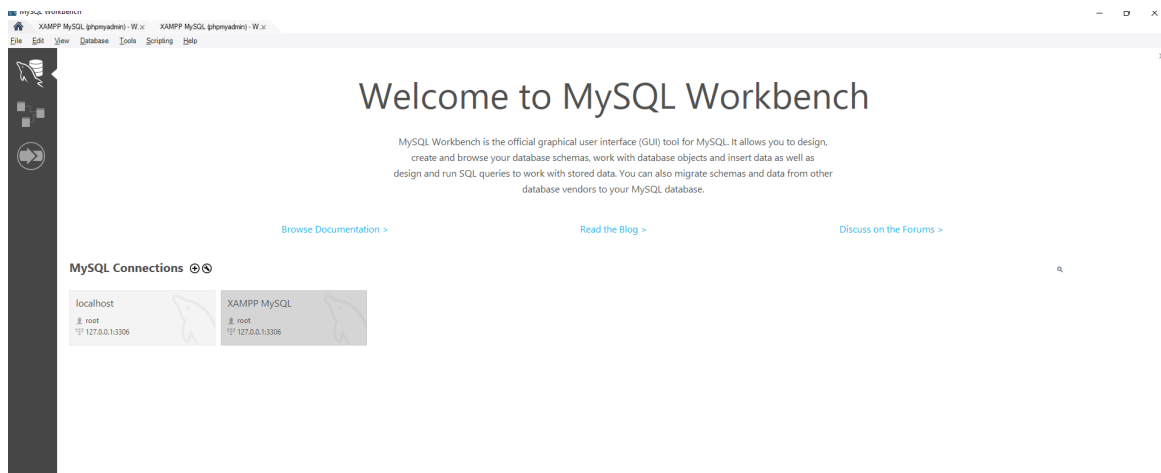
The screenshot shows the 'Setup New Connection' dialog box in MySQL Workbench. The 'Parameters' tab is selected. The 'Connection Name' field contains 'XAMPP MySQL'. The 'Connection Method' dropdown is set to 'Standard (TCP/IP)'. The 'Hostname' field contains '127.0.0.1' and the 'Port' field contains '3306'. The 'Username' field contains 'root' and the 'Password' field is empty, with 'Store in Vault ...' and 'Clear' buttons. The 'Default Schema' field is empty. The 'Test Connection' button is highlighted with a yellow box. Other buttons include 'Configure Server Management...', 'Cancel', and 'OK'.

## 5. Step 5: Test Connection:

Click "Test Connection" to check if MySQL Workbench can successfully connect to the XAMPP MySQL server.

## 6. Step 6: Connect to the XAMPP MySQL Server

- Once the connection test is successful, click "OK" to save the connection.
- You can now use MySQL Workbench to manage your MySQL databases running on the XAMPP server.



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**The End!**