

Step-by-Step guide to configure MySQL to our ATM project:

1. Download and install MySQL Installer (<https://dev.mysql.com/downloads/installer/>)

a. Click on the 2nd MSI install highlighted.

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MySQL Installer

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MySQL Installer 8.0.32

Select Operating System:
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Windows (x86, 32-bit), MSI Installer <small>(mysql-installer-community-8.0.32.0.msi)</small>	8.0.32	437.3M	Download

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b. Click on “No thanks, just start my download”.

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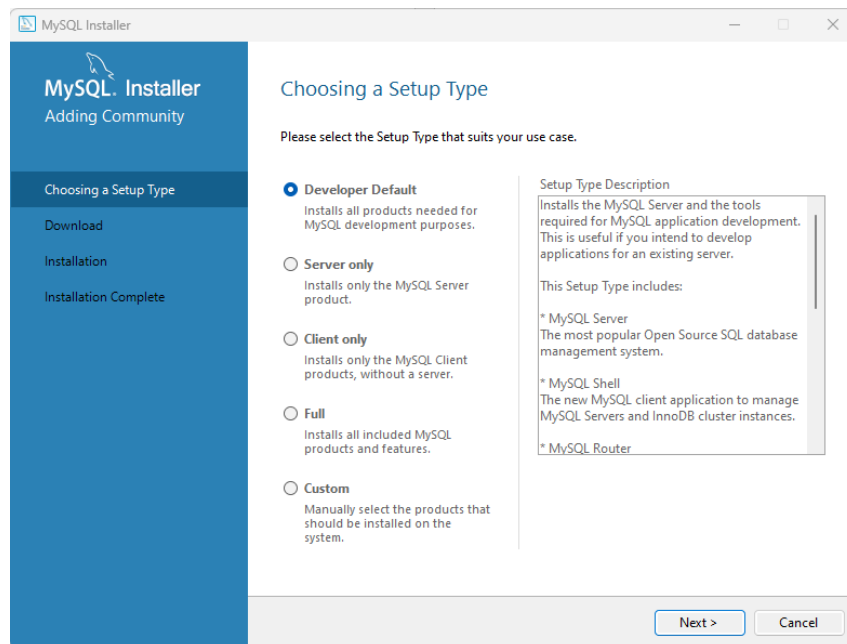
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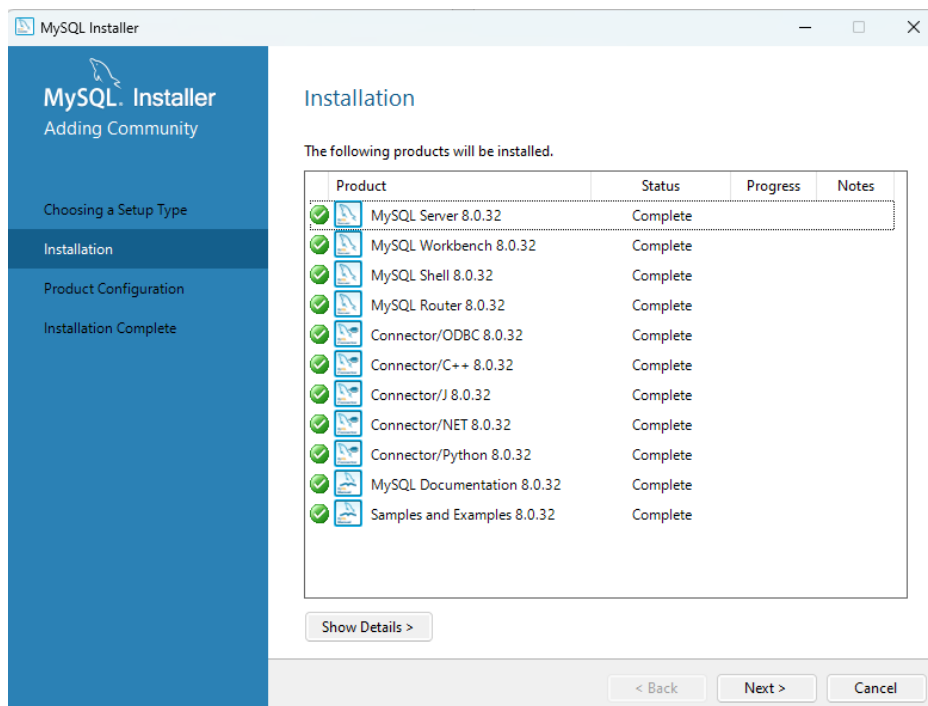
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2. Run the MySQL MSI Installer

a. Select “Developer Default”.

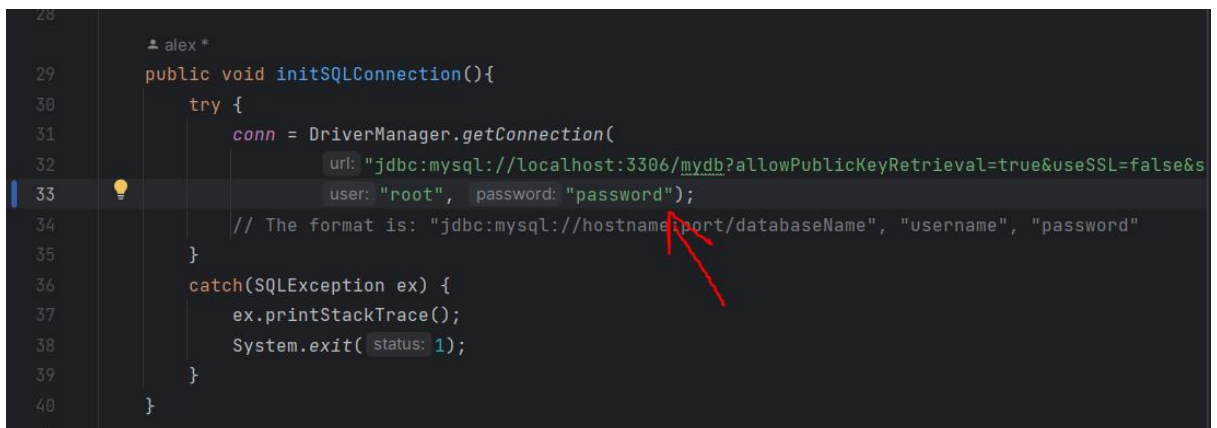


b. Check all requirements are fulfilled and execute the installer. Check these products are installed (MySQL Server, MySQL Workbench, Connector/J)



c. Follow through all installation procedures (set up password etc.)

3. Open MySQL Workbench and create a new connection called "ATM" ("+" button)
4. Create new schema called "mydb".
5. Open "atm_model_updated.mwb" in the workbench
 - a. Click on "Database" → "Forward Engineer". (Ctrl + G)
 - b. Select "ATM" connection as the Stored Connection.
 - c. Enter "mydb" as the default schema.
6. Import .csv files (bank, customer, bank_has_customer, accounts, transactions)
 - a. Right-click on "bank" table in mydb → tables → bank.
 - b. Select "Table Data Import Wizard".
 - c. Choose "bank.csv" as the file path and import the data.
7. Repeat Step 6 for the other .csv files in the following order.
 - a. bank, customer, bank_has_customer, accounts, transactions.
8. Go to SQLService.java file and edit "line 15" password to the password setup for your MySQL Connection.



```
28
    alex *
29     public void initSQLConnection(){
30         try {
31             conn = DriverManager.getConnection(
32                 url: "jdbc:mysql://localhost:3306/mydb?allowPublicKeyRetrieval=true&useSSL=false&
33                 user: "root", password: "password");
34             // The format is: "jdbc:mysql://hostname:port/databaseName", "username", "password"
35         }
36         catch(SQLException ex) {
37             ex.printStackTrace();
38             System.exit( status: 1);
39         }
40     }
41 }
```