

ATW80Q Project Setup Tutorial

This tutorial may be used to run ATW80Q project on Windows (Windows 7 or later) PC

Part I download Eclipse workspace and api Java code ver. jdk (javaSE-1.8)

1. Download Eclipse and other files which are required to run the project from the [link](#) and save them in "C:\\" folder.

<https://tinyurl.com/y8f2wauw>

2. Download ATW80Q API from [Github repository](#) to C:\Users\{your_windows_user_name}\Downloads

The image shows two screenshots of the GitHub repository page for `danrol / ATW80Q`. The first screenshot shows the repository overview with 492 commits, 1 branch, 0 releases, and 5 contributors. The 'Clone or download' button is highlighted with a red circle and a red arrow. The second screenshot shows the 'Clone or download' dropdown menu with the 'Download ZIP' option highlighted by a red circle and a red arrow.

danrol / ATW80Q

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492 commits 1 branch 0 releases 5 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

eg7eg7 added getElementNoLogin Latest commit 755ac92 2 hours ago

File	Commit	Time
.settings	First try	a month ago
main	added getElementNoLogin	2 hours ago
test/java/playground/layout	added getElementNoLogin	2 hours ago
.classpath	controller elia	18 days ago
.gitattributes	sfdgsfd	a month ago
.gitignore	added autowires	18 days ago
.project	First try	a month ago
README.md	Create README.md	19 days ago

README.md

Around the world in 80 Questions (Playground.Rolnik)

This project is done during our Integrative Software Engineering Course in Afeka

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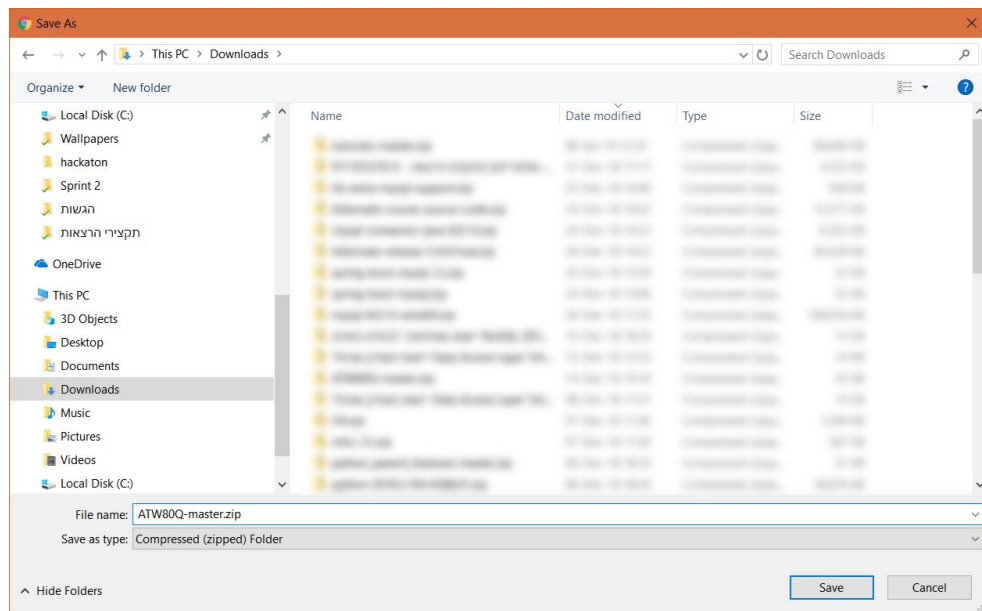
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Clone with HTTPS ⓘ Use SSH

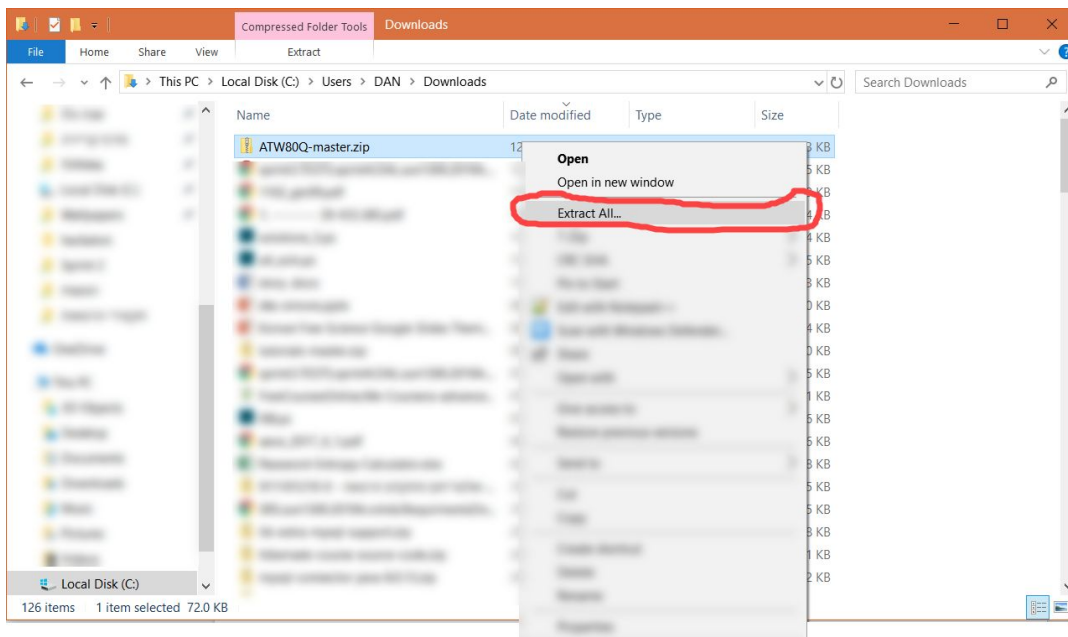
Use Git or checkout with SVN using the web URL.

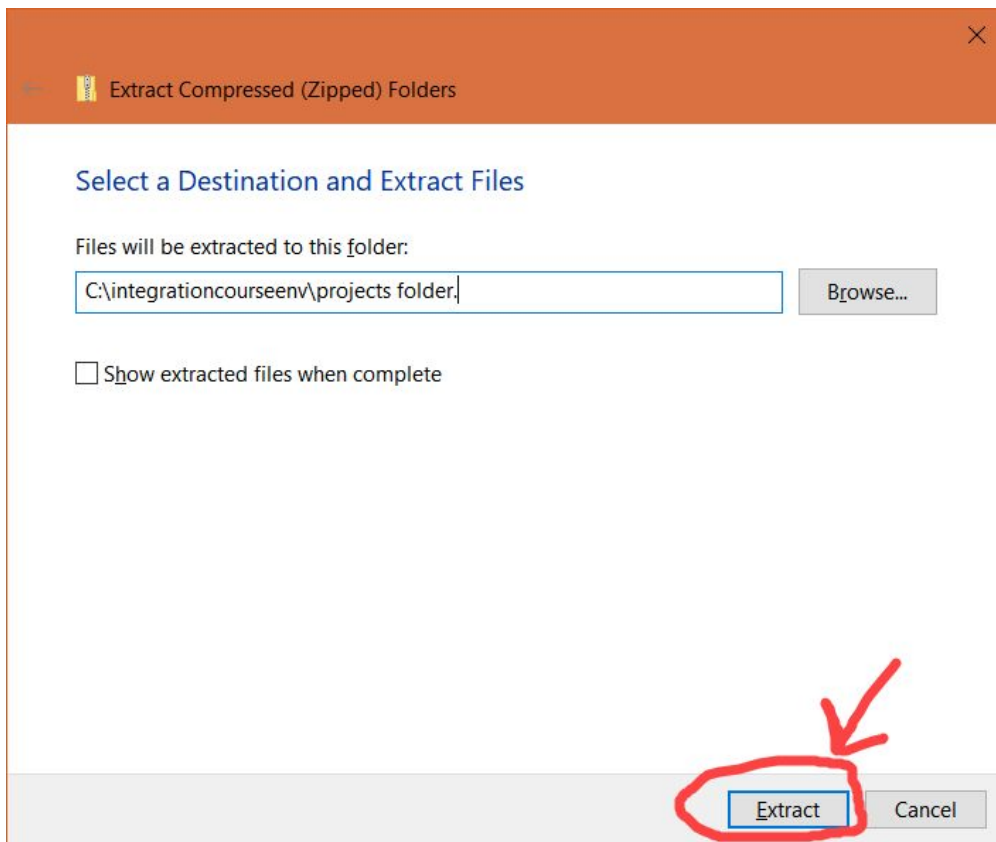
<https://github.com/danrol/ATW80Q.git>

Open in Desktop Download ZIP

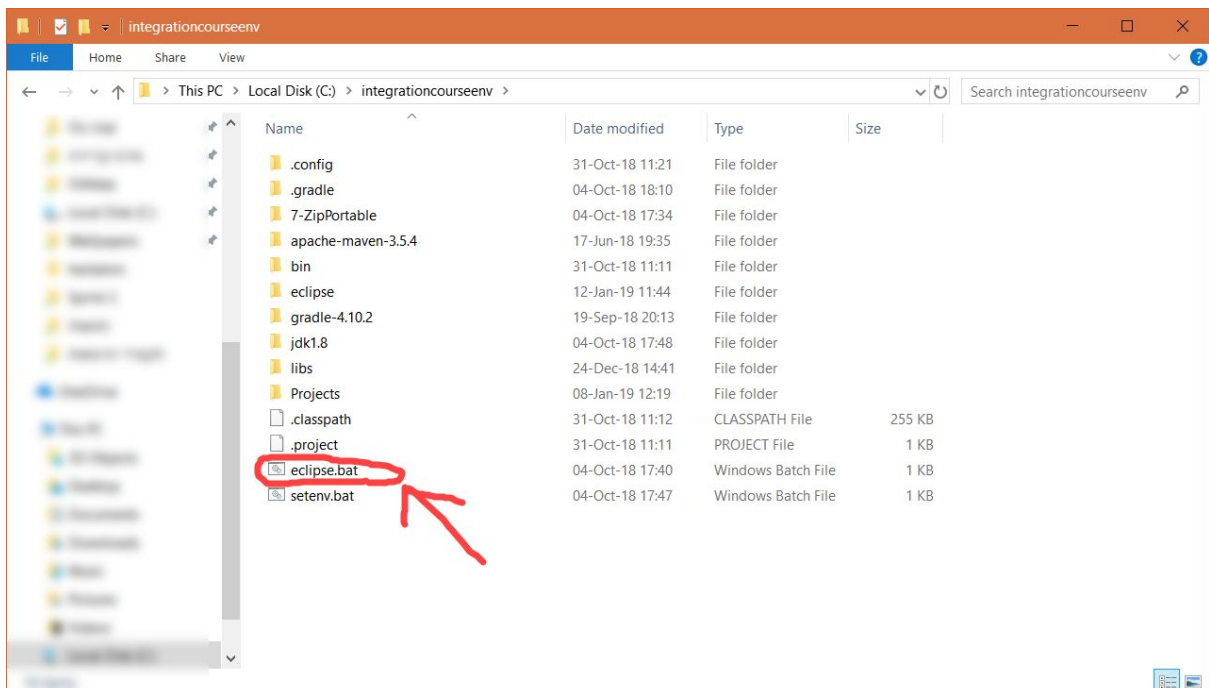


3. Go to C:\Users\{your_windows_user_name}\Downloads folder. Unzip downloaded from github zip to C:\integrationcourseenv\projects folder.

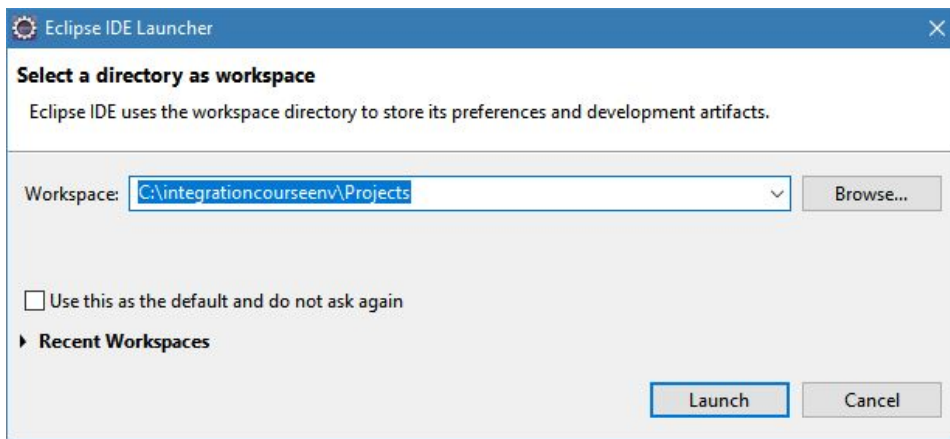




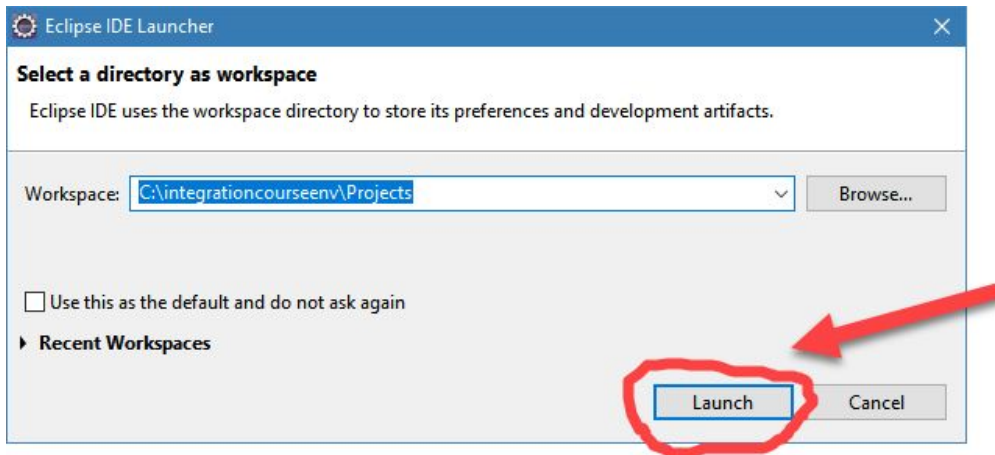
4. Run eclipse.bat from C:\integrationcourseenv



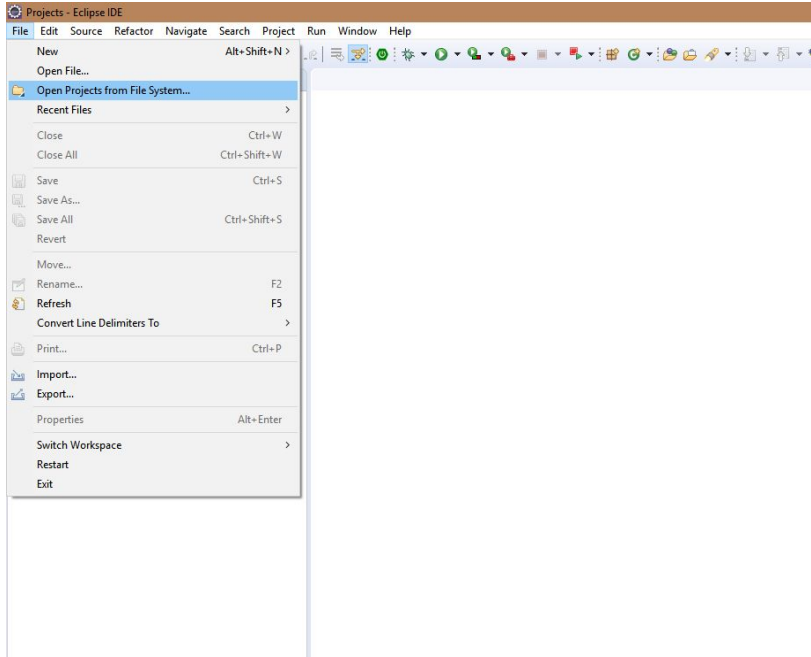
5. Choose C:\integrationcourseenv as your workspace for Eclipse



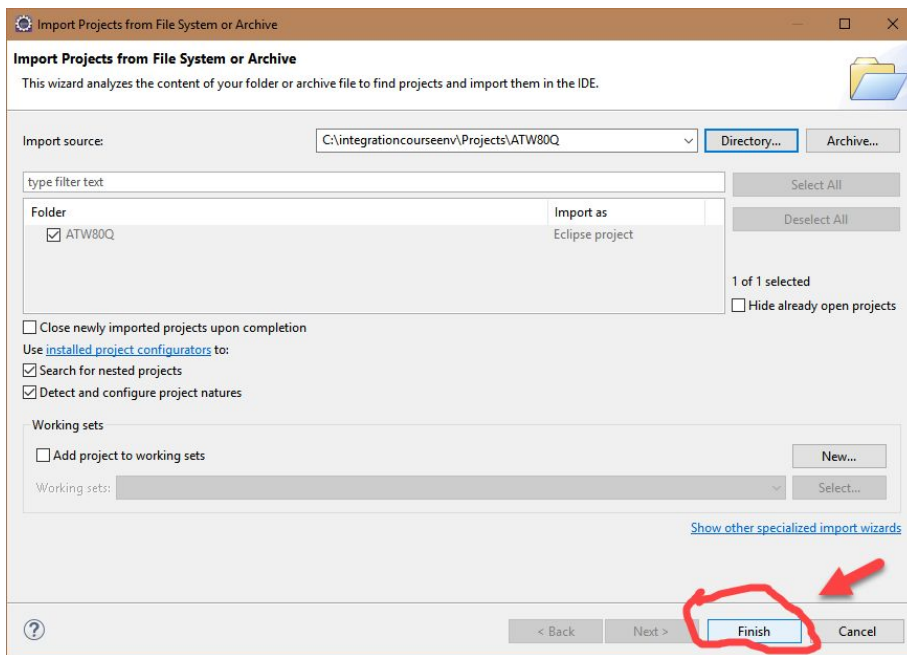
6. Press Launch



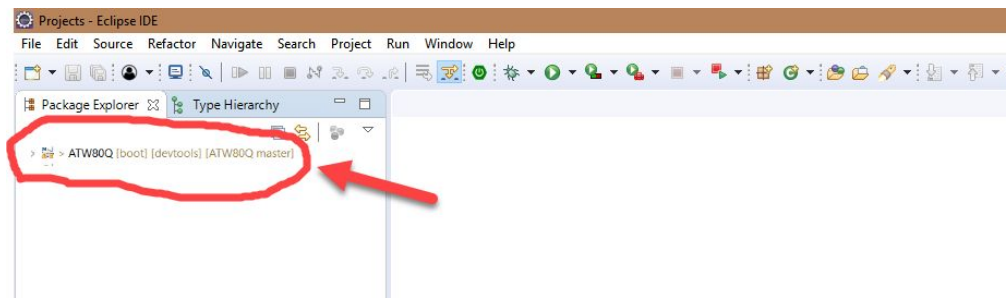
7. After Eclipse starts choose File->Open Project From File System



8. Choose Directory



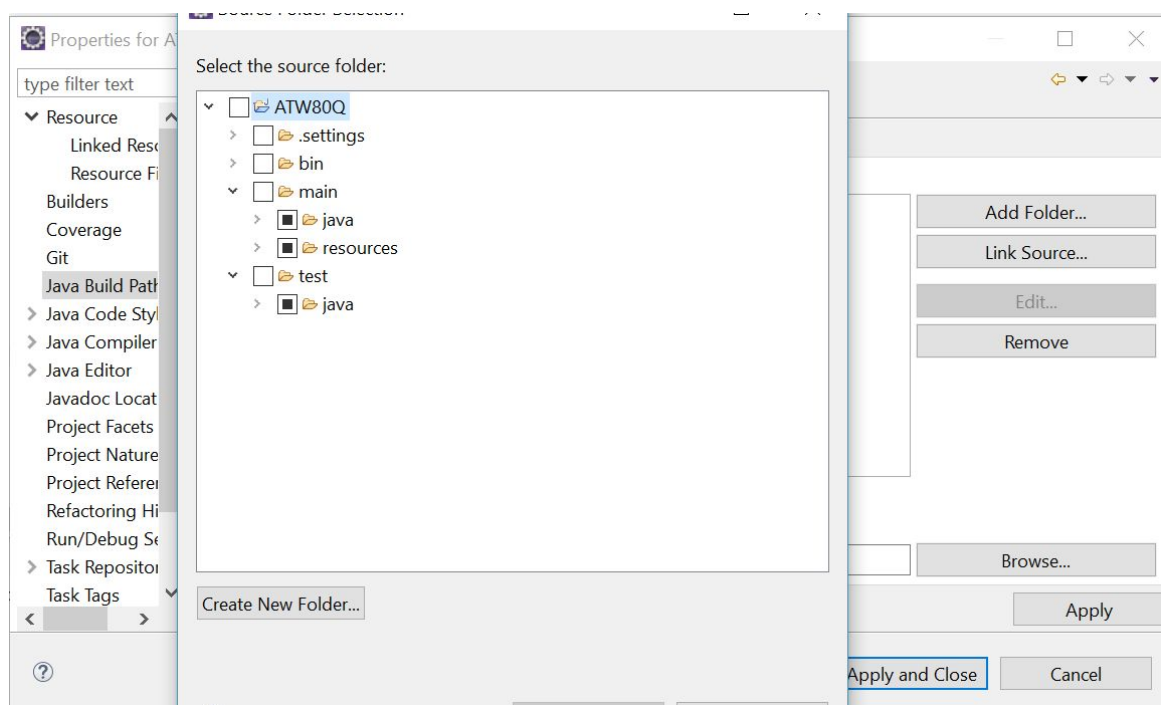
11. Now you should see the project in Eclipse



12. This green status bar indicates that Maven downloads needed dependencies:



13. Select /main/java
/main/resources
/test/java
and press OK



Part II - Install MySql server on your PC

1. Download the latest Mysql Community server from [MySQL official website](https://dev.mysql.com/downloads-community/)

Generally Available (GA) Releases

MySQL Installer 8.0.13

Select Operating System:
Microsoft Windows

[Looking for previous GA versions?](#)

Windows (x86, 32-bit), MSI Installer <small>(mysql-installer-web-community-8.0.13.0.msi)</small>	8.0.13	16.3M	Download <small>MD5: 370ab1f1ddf05b7c4c83c622f5e71b45 Signature</small>
Windows (x86, 32-bit), MSI Installer <small>(mysql-installer-community-8.0.13.0.msi)</small>	8.0.13	313.8M	Download <small>MD5: 4ffa5a022d4aa3995d2a33118b2c32cc Signature</small>

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

2. Click on “No thanks, just start my download” option. It will download the selected MySQL installation for you to your local machine.

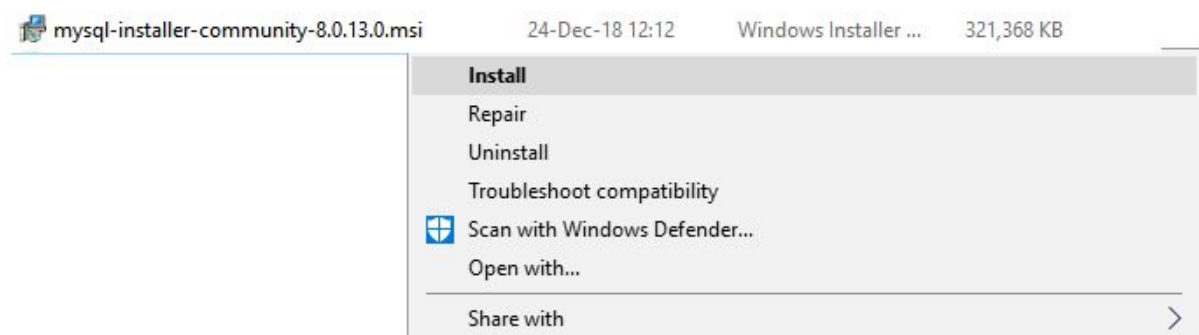
Login »
using my Oracle Web account

Sign Up »
for an Oracle Web account

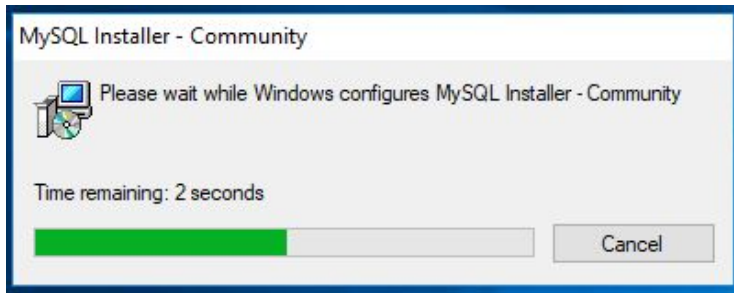
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

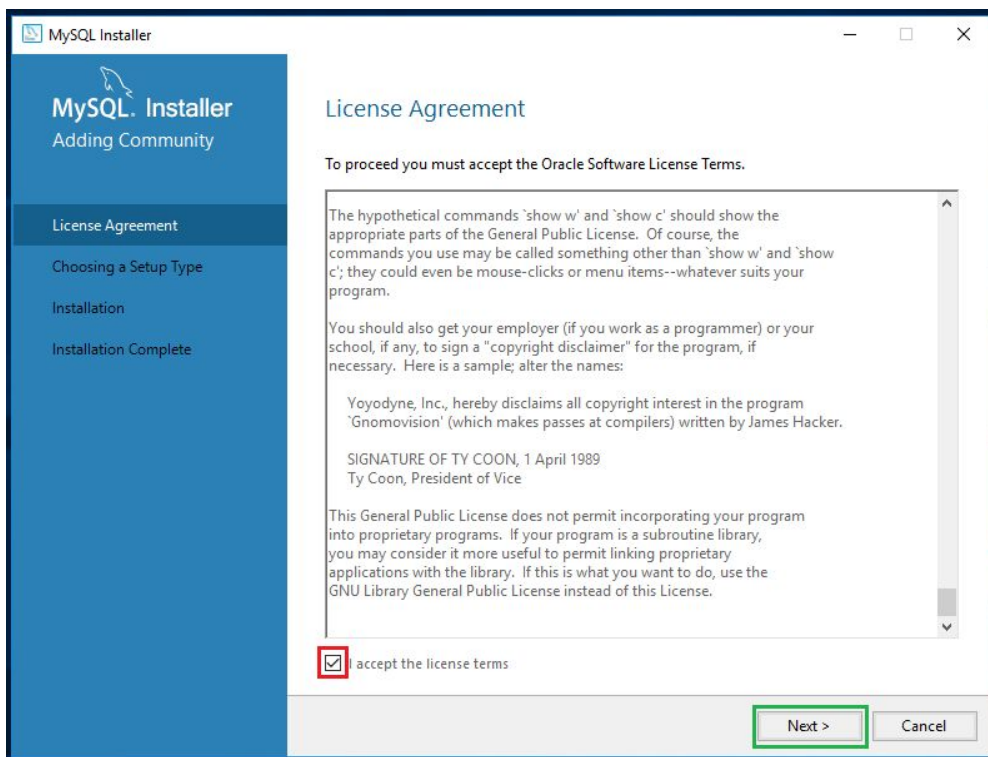
3. Go to your downloads folder where you can see the **mysql-installer-community** file, right click on that file and click **Install** option.



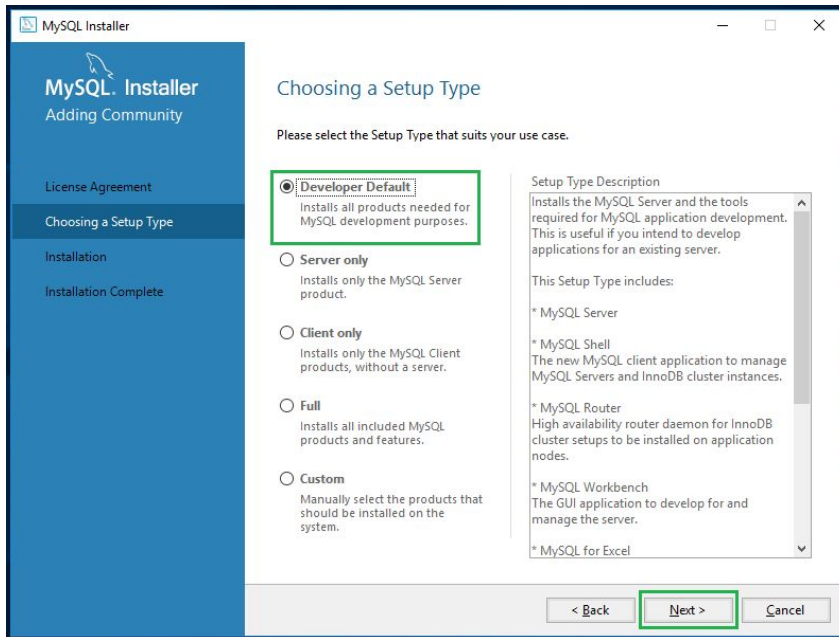
4. Windows will begin installation, windows may ask you to allow changes to your computer settings or firewall, you can accept them and it will take a few more seconds to configure the installer.



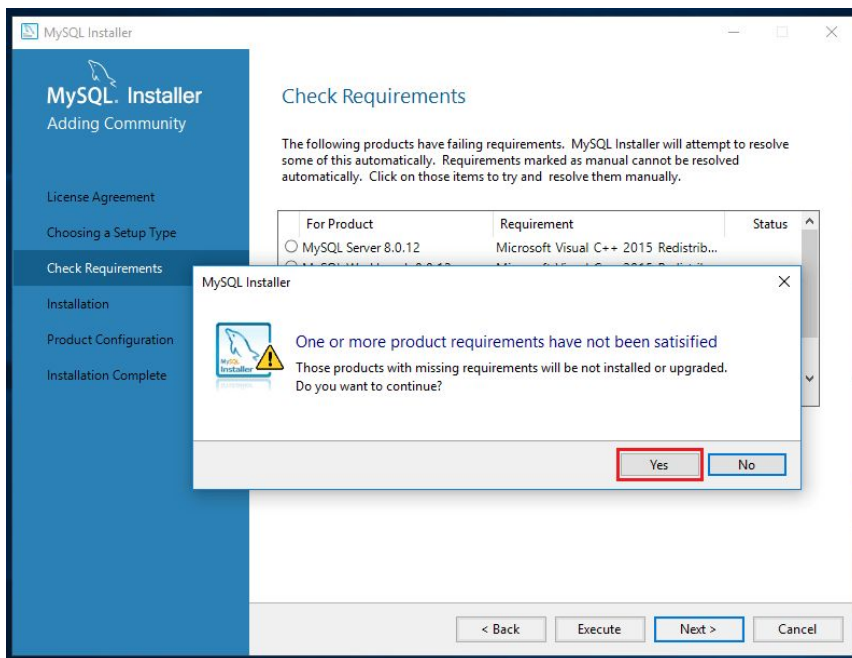
5. Read the license agreement and accept the license terms.



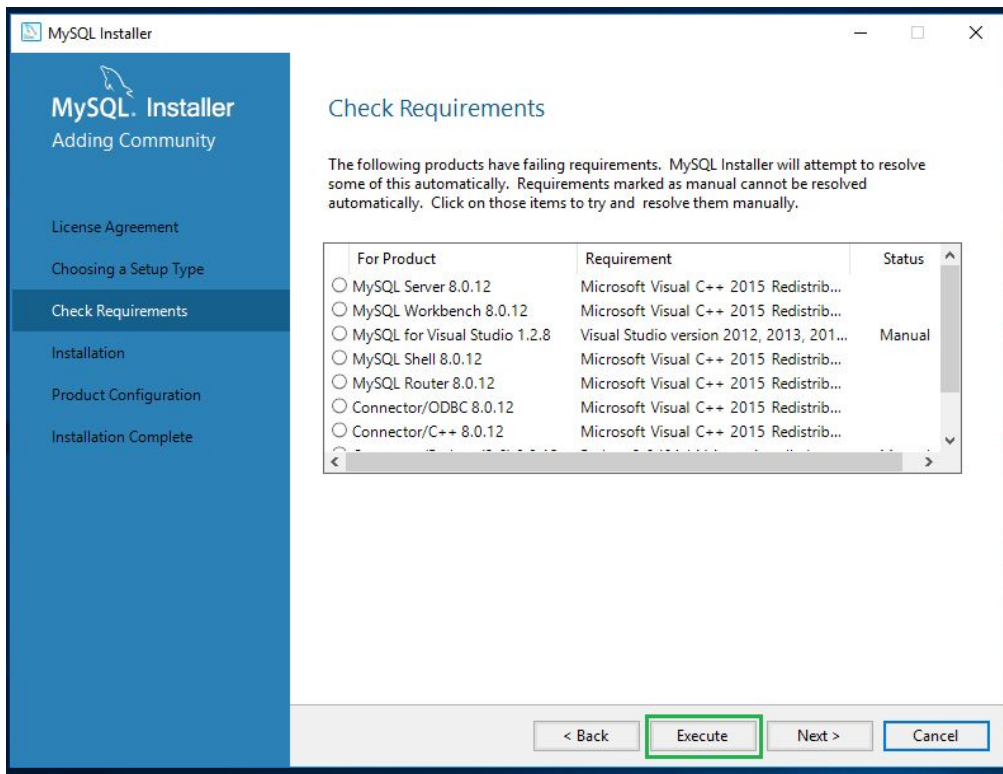
6. Select **Developer Default**. Click on **Next**.



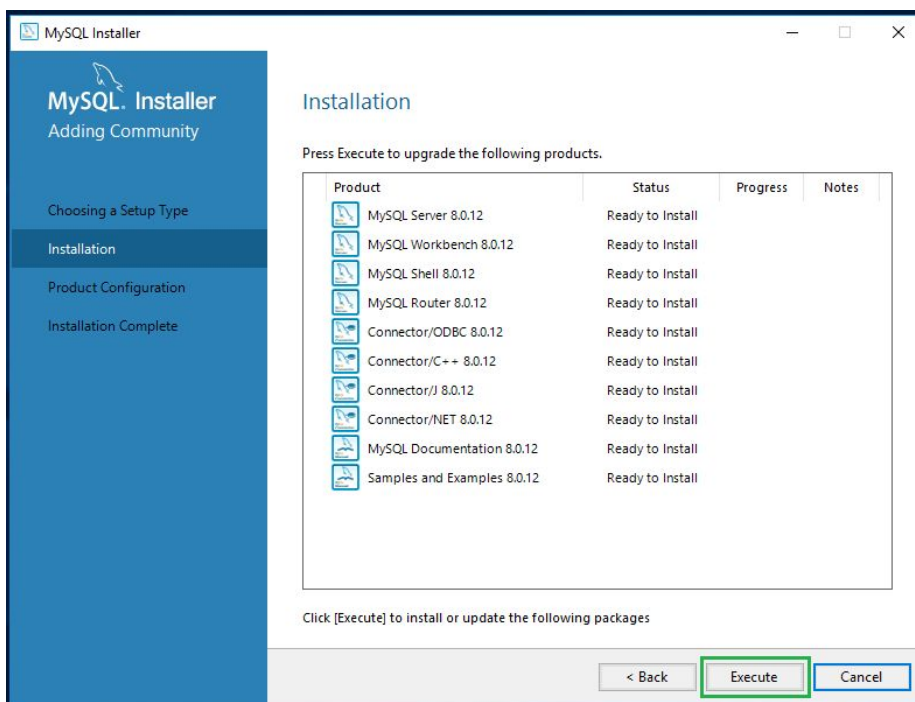
7. Based on your Windows configuration, it may prompt you with a message like below. You can simply click on **YES**.



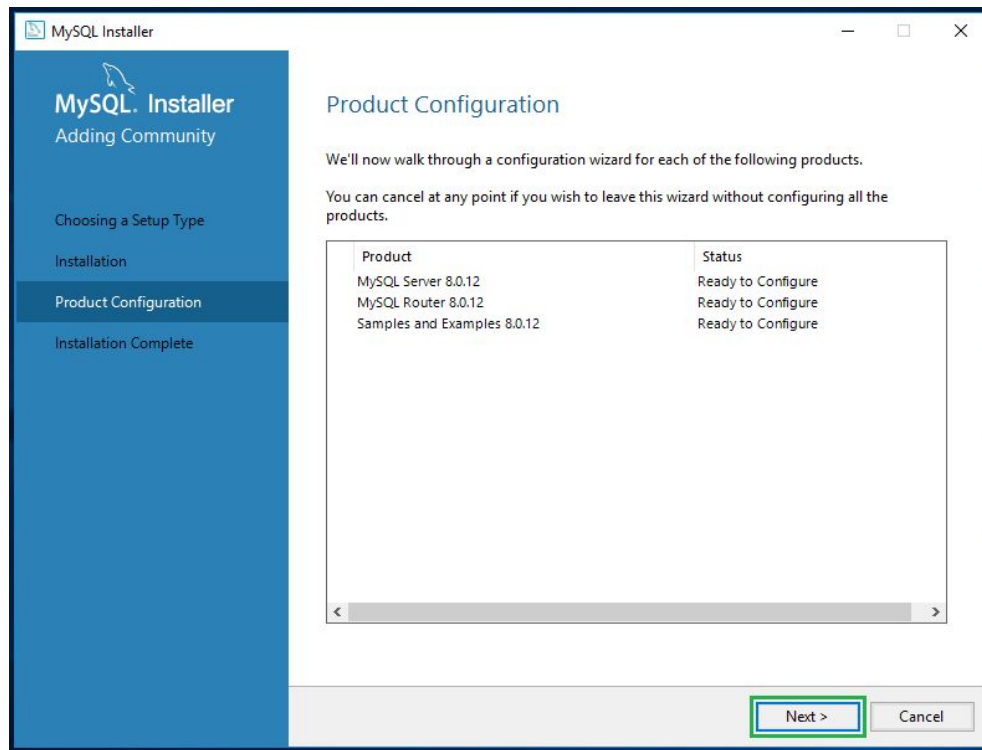
8. Click on **Execute**.



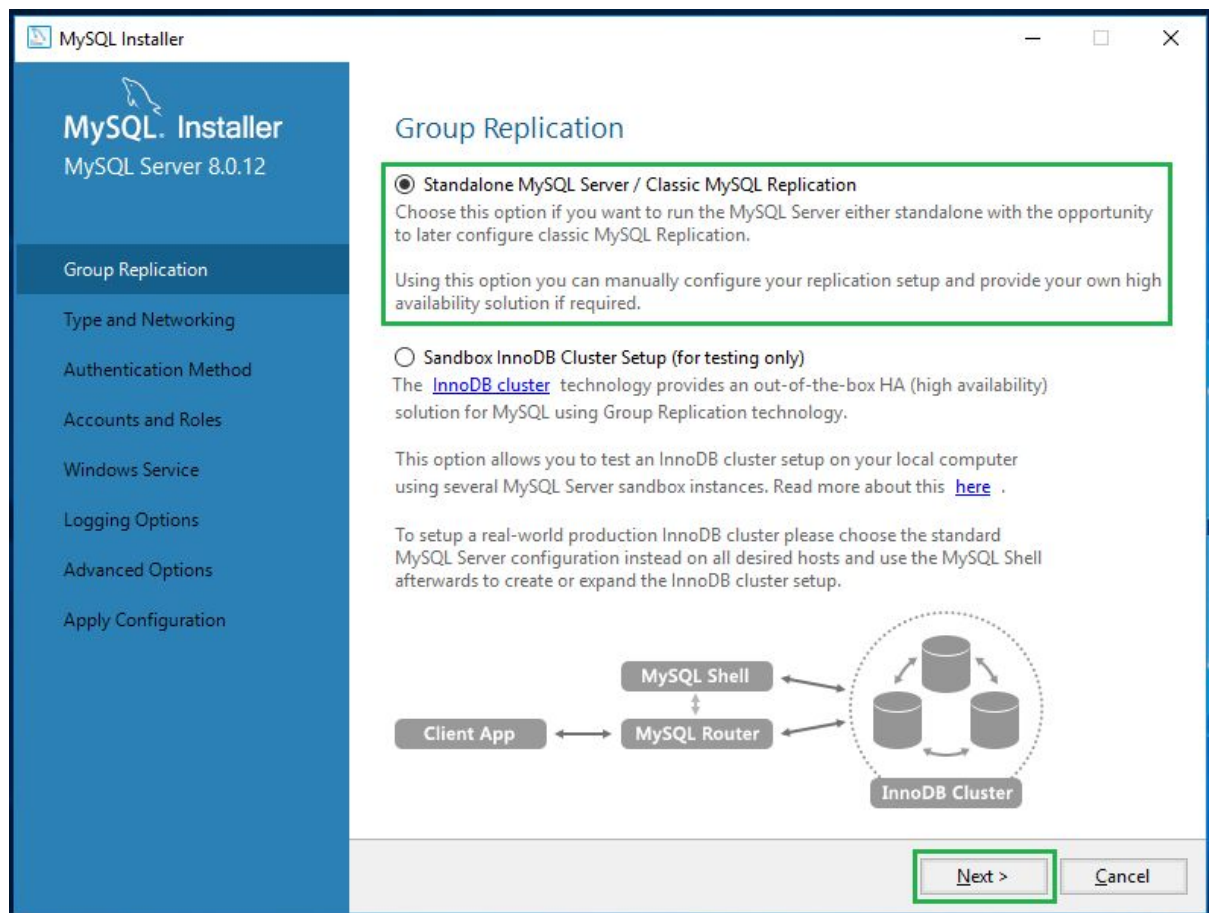
9. Upon execution of the previous step, the installer will ask you to install missing requirements to your computer. Click on **Execute**.



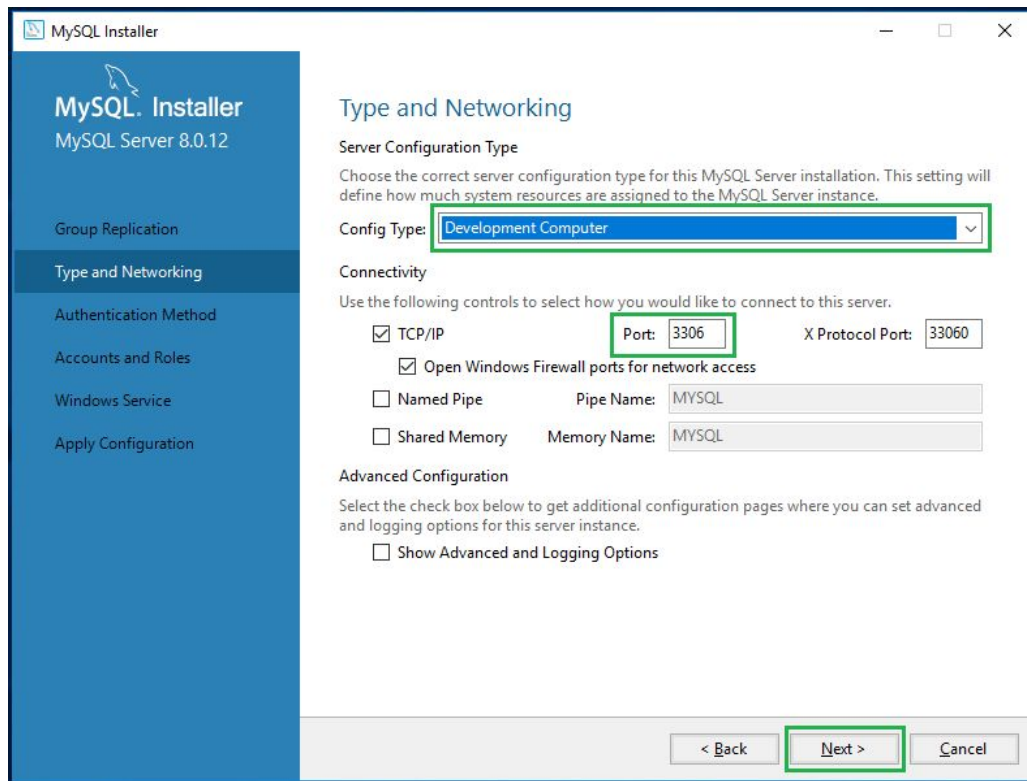
10. After successfully installing all required products, now the MySQL allows us to configure the server settings. Click on **Next** to configure the server.



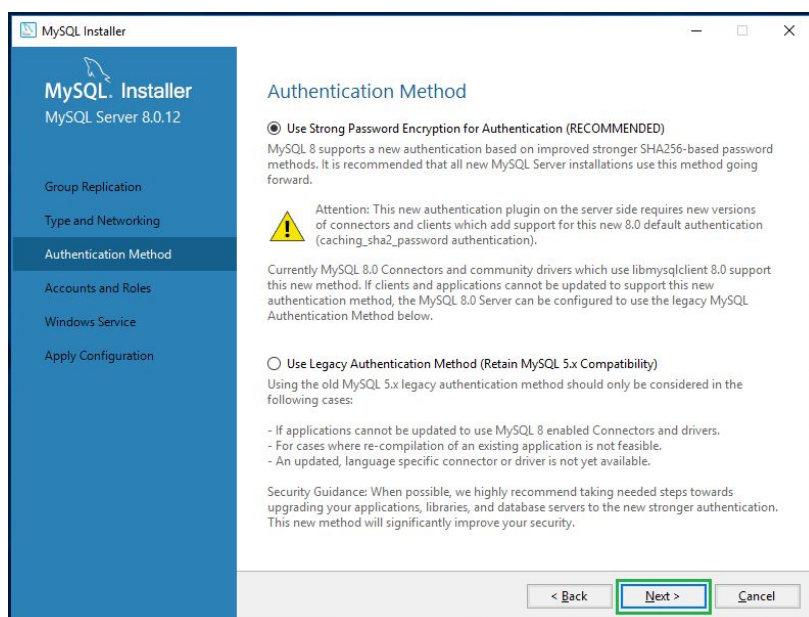
11. This step allows you to configure the server. We can configure the server in two different modes. One is standalone mode and another one is clustered mode. I don't want to make it as a cluster because I am installing MySQL for development purposes, so I am select **Standalone MySQL server** and click on **Next**.



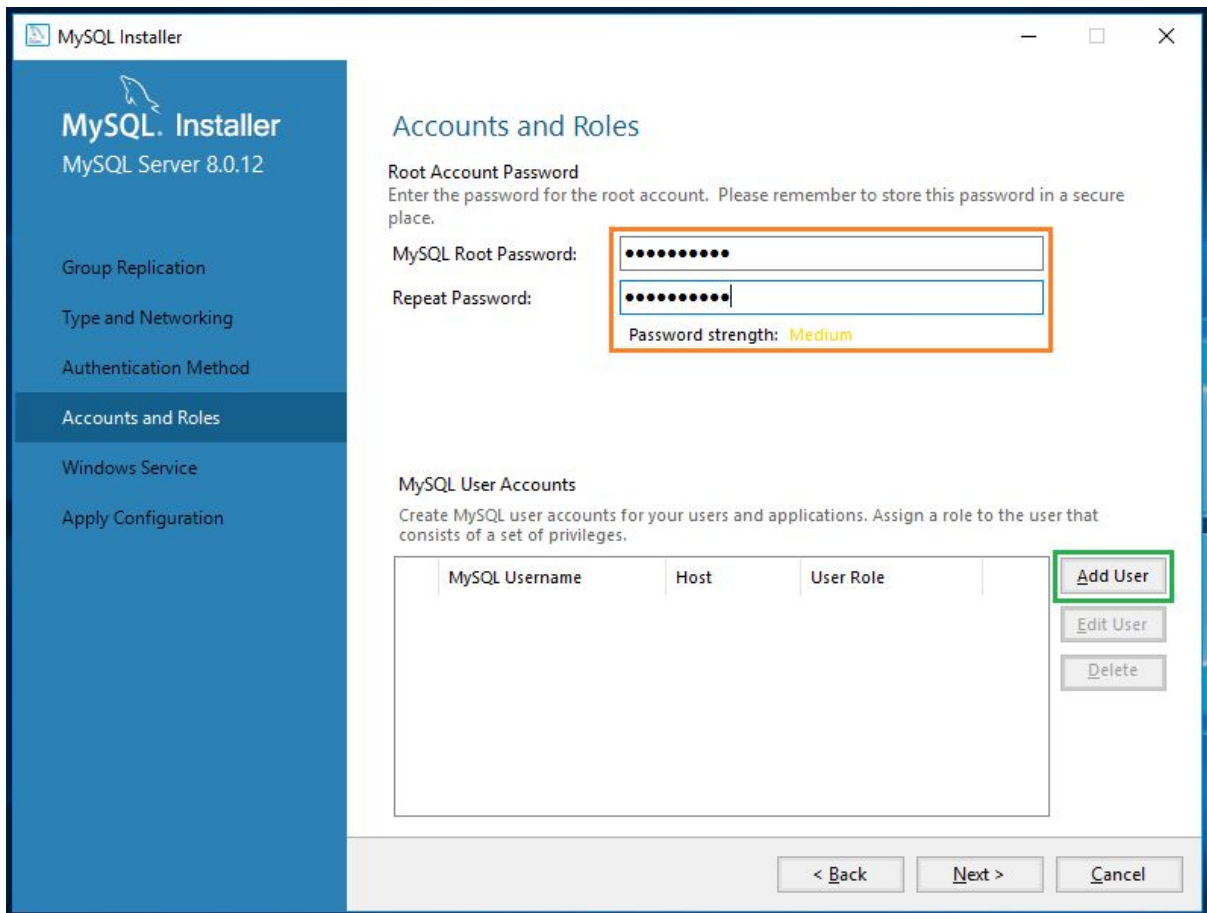
12. Choose the **Development Computer** option from Config Type drop-down. You can find the following controls like TCP/IP, Port and X Protocol Port.



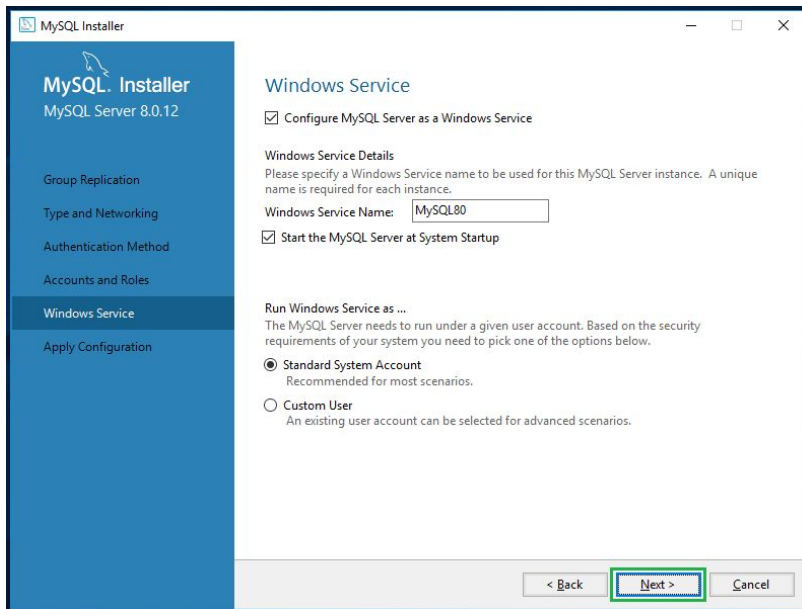
13. It is prompting you to select the authentication method, leave it as the default recommended method and click on **Next**.



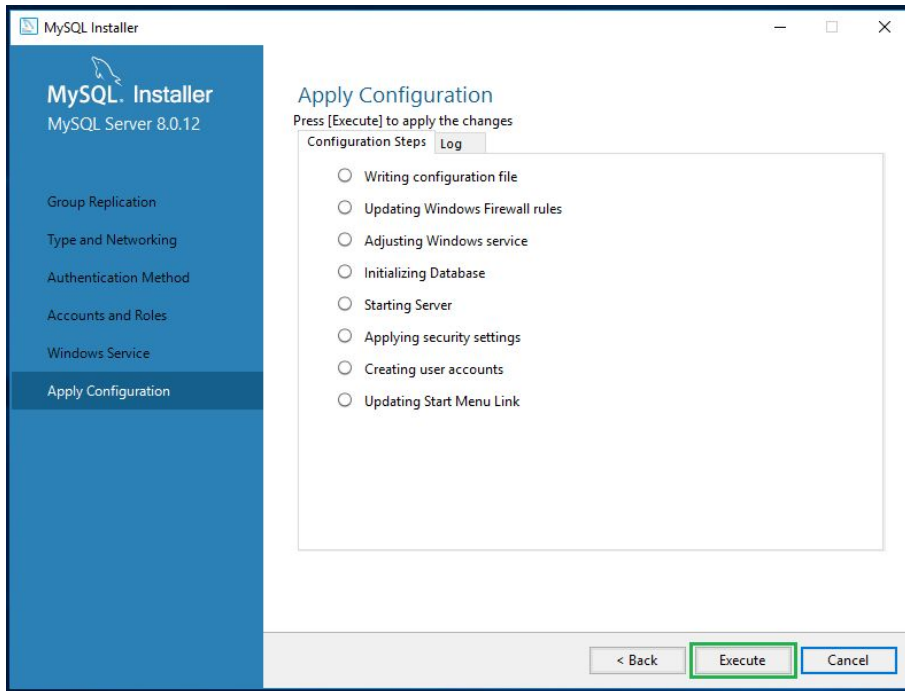
14. Here can set MySQL root user password to be "Do6)Gain".



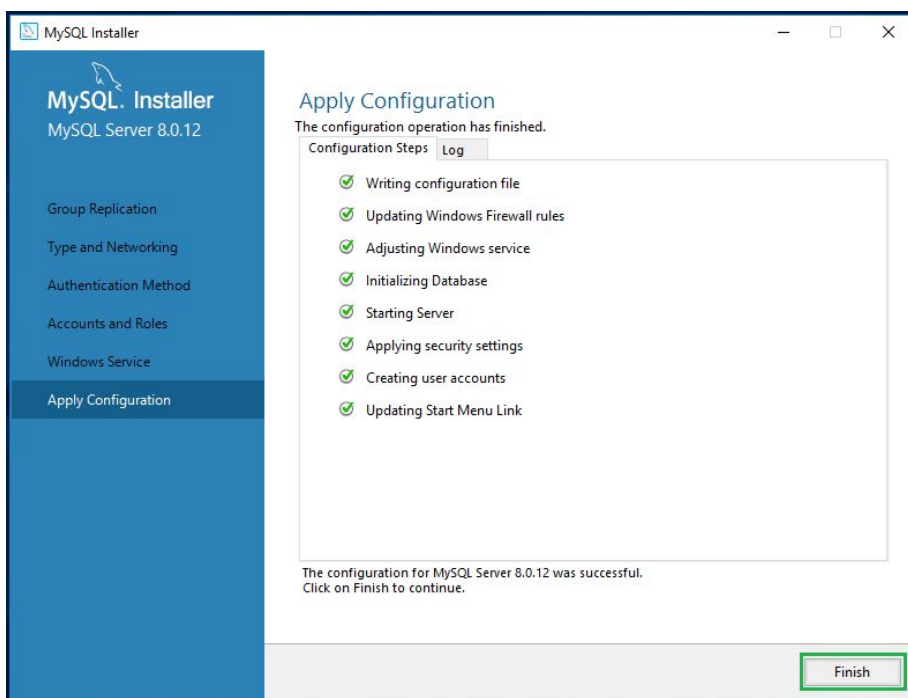
15. Leave the service details as default and click on **Next**.



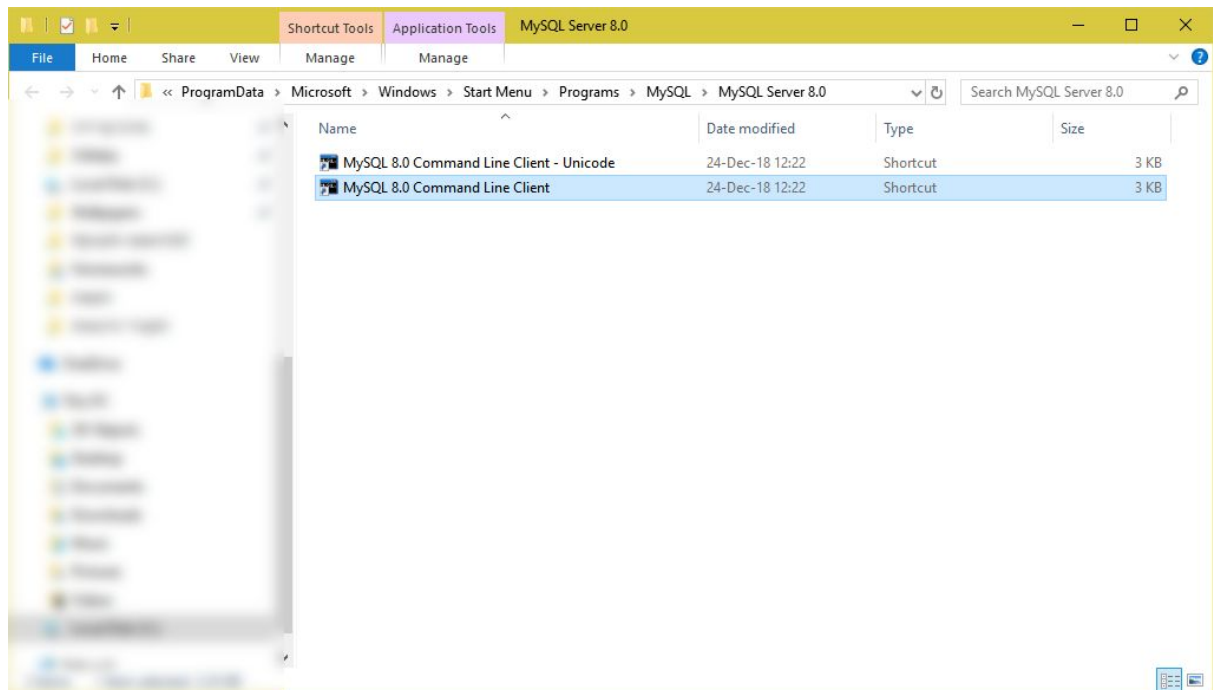
16. Press **Execute** to apply the configurations on the previous step.



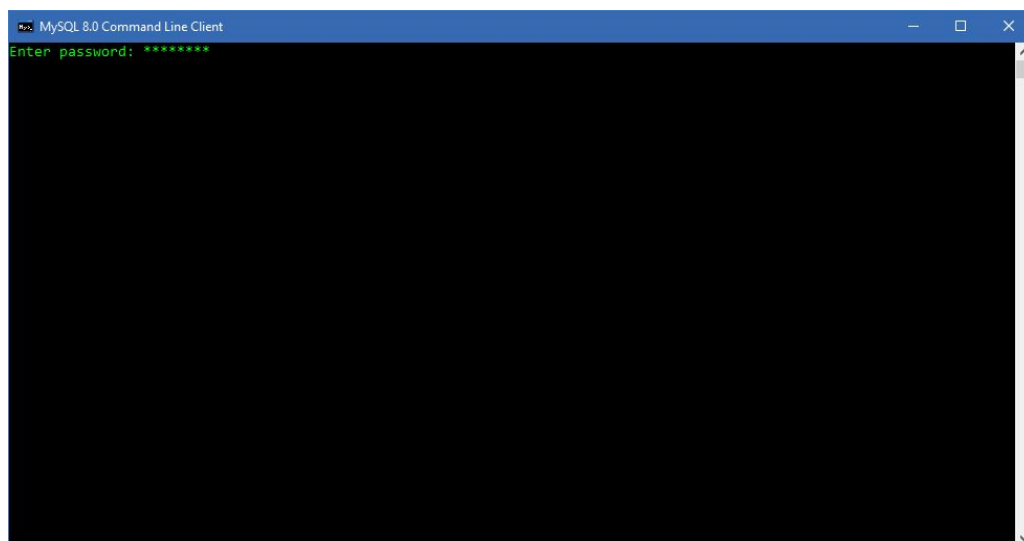
17. Upon execution, you can see the below green colored ticks on every configuration option and finally you will get **Finish** button. Click on **Finish** you got your MySQL on your Windows 10 operating system.



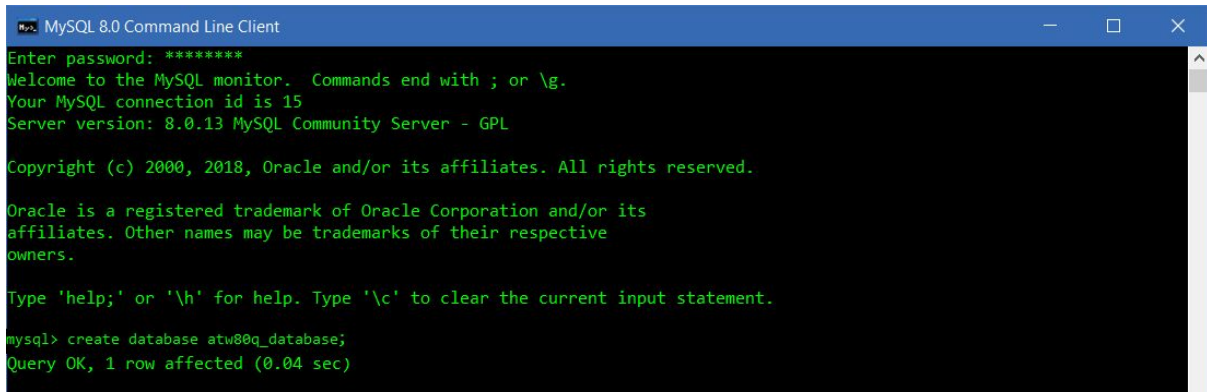
18. Open MySQL 8.0 Command Line Client



19. Enter your root password as follows: “Do6)Gain” and press “Enter”



20. Write “create database atw80q_database;” and press “Enter”



```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.13 MySQL Community Server - GPL

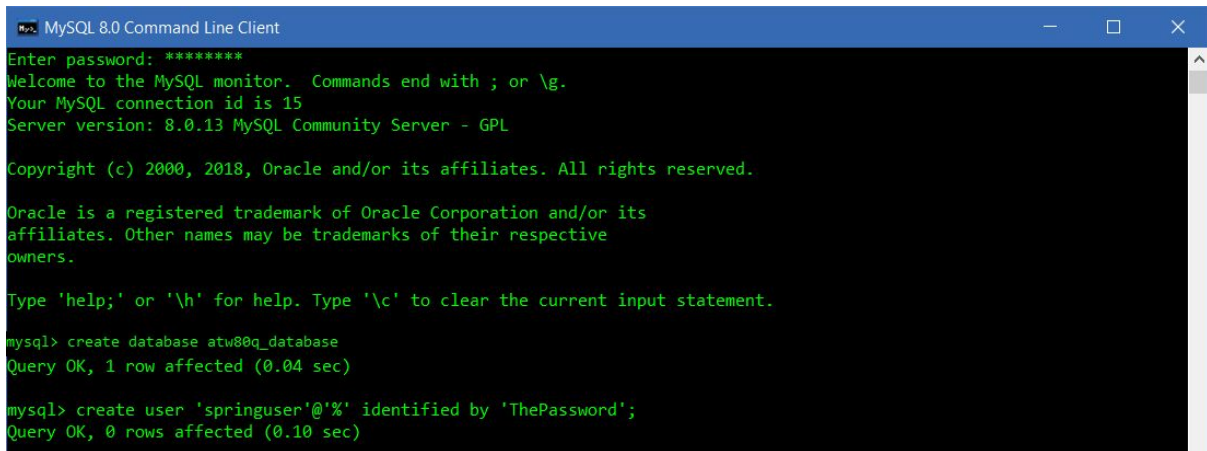
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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database atw80q_database;
Query OK, 1 row affected (0.04 sec)
```

21. Write “create user ‘springuser’@’%’ identified by ‘ThePassword’;” and press Enter



```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.13 MySQL Community Server - GPL

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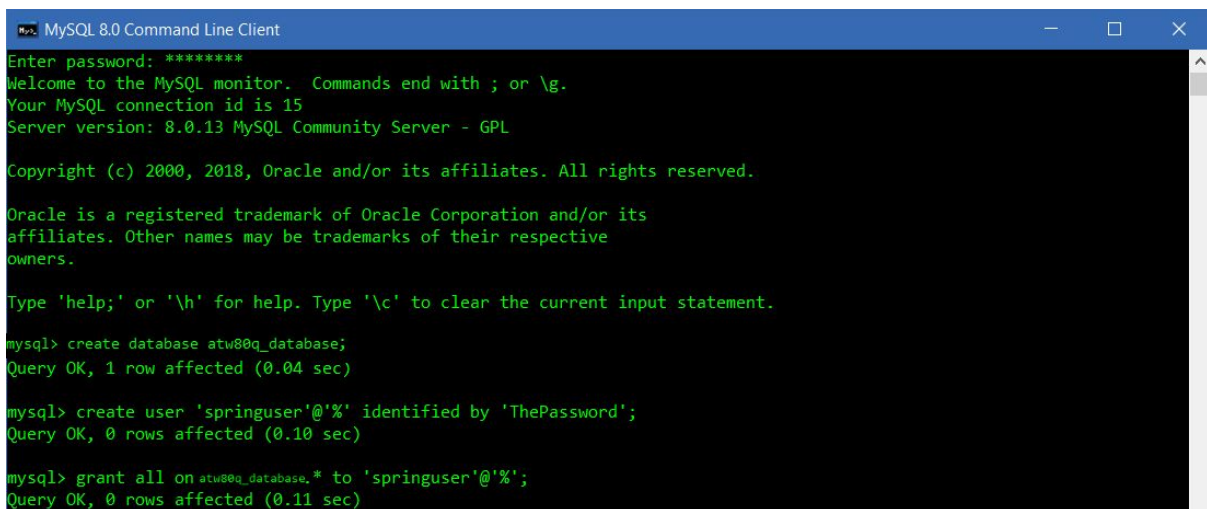
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database atw80q_database
Query OK, 1 row affected (0.04 sec)

mysql> create user 'springuser'@'%' identified by 'ThePassword';
Query OK, 0 rows affected (0.10 sec)
```

22. Write “grant all on atw80q_database.* to ‘springuser’@’%’;” and press “Enter”



```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.13 MySQL Community Server - GPL

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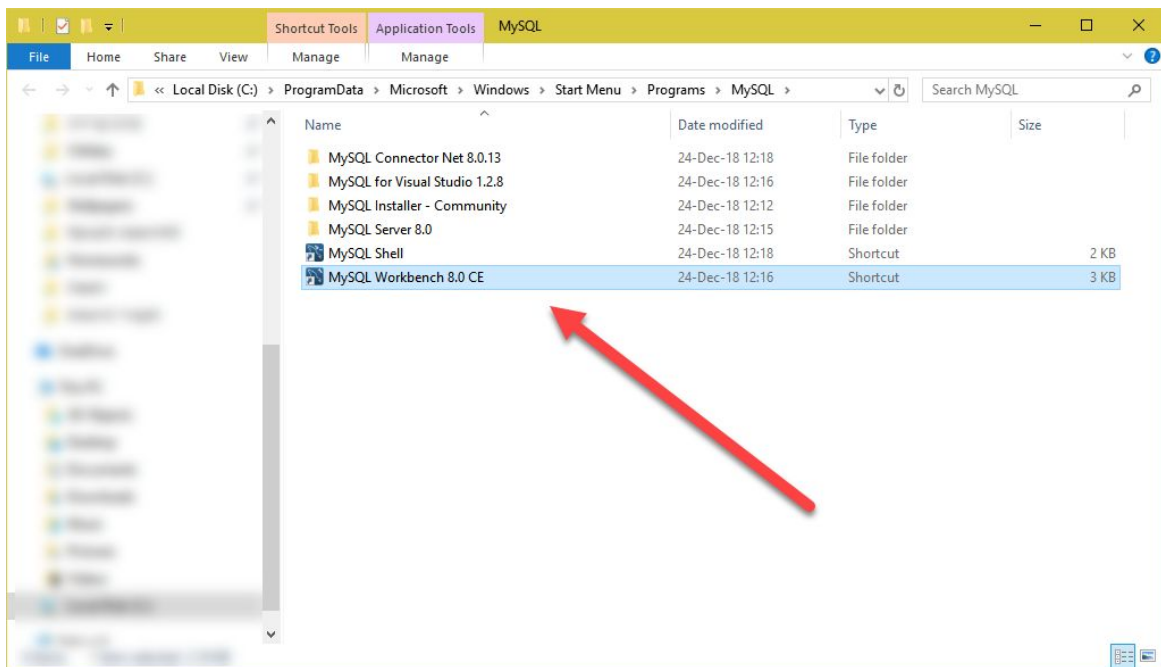
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database atw80q_database;
Query OK, 1 row affected (0.04 sec)

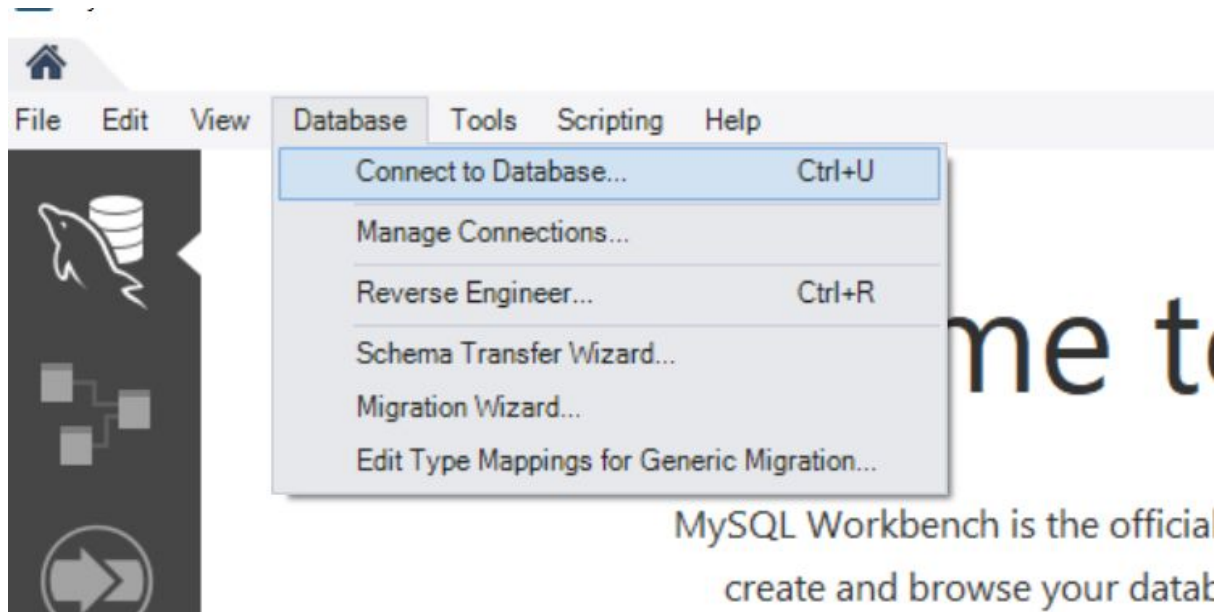
mysql> create user 'springuser'@'%' identified by 'ThePassword';
Query OK, 0 rows affected (0.10 sec)

mysql> grant all on atw80q_database.* to 'springuser'@'%';
Query OK, 0 rows affected (0.11 sec)
```

23. Open MySQL Workbench



24. Click on “Connect to database...:”



25. Choose “Local instance MySQL80” from “Stored Connection:”

Connect to Database

Stored Connection: Select from saved connection settings

Connection Method: Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

26. Press OK

Connect to Database

Stored Connection: Select from saved connection settings

Connection Method: Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

The Server is now running!

Connection to the server is **required** before using ATW80Q

Now ATW80Q project is ready to run on your PC! Use it wisely and may the force be with you!