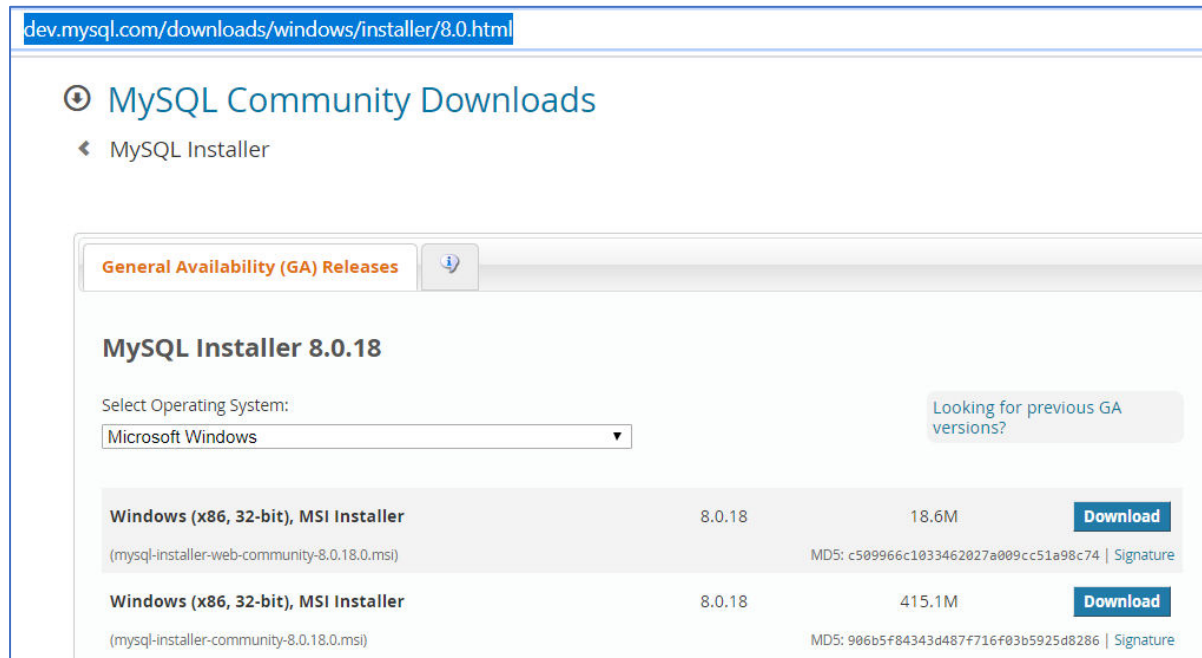


MySQL Installer 8.0.18

Go to this link : <https://dev.mysql.com/downloads/windows/installer/8.0.html>



dev.mysql.com/downloads/windows/installer/8.0.html

MySQL Community Downloads

MySQL Installer

General Availability (GA) Releases

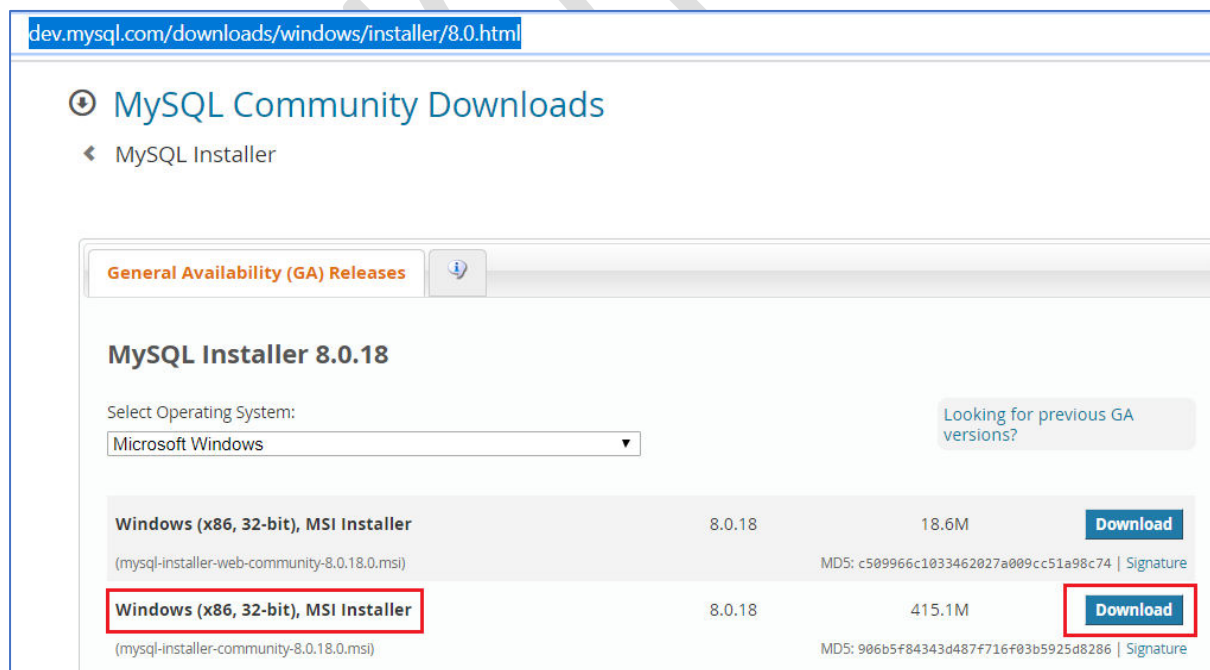
MySQL Installer 8.0.18

Select Operating System:
Microsoft Windows

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	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.18.0.msi)	8.0.18	415.1M	Download

Notice that there is no 64-bit installer. That's ok. We will use the 32-bit installer, the (mysql-installer-community-8.0.21.0.msi) (Highlighted in figure below)



dev.mysql.com/downloads/windows/installer/8.0.html

MySQL Community Downloads

MySQL Installer

General Availability (GA) Releases

MySQL Installer 8.0.18

Select Operating System:
Microsoft Windows

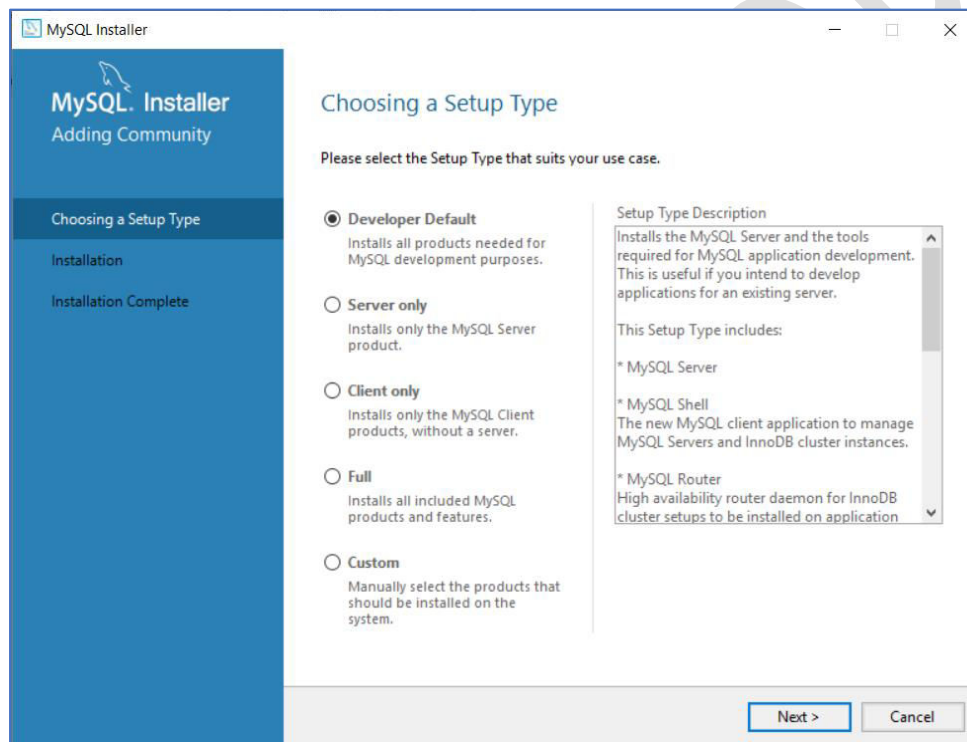
Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.18.0.msi)	8.0.18	18.6M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.18.0.msi)	8.0.18	415.1M	Download

You need not sign up in next screen. But if you have an Oracle account, you may. You will get this screen where you will download the msi file.

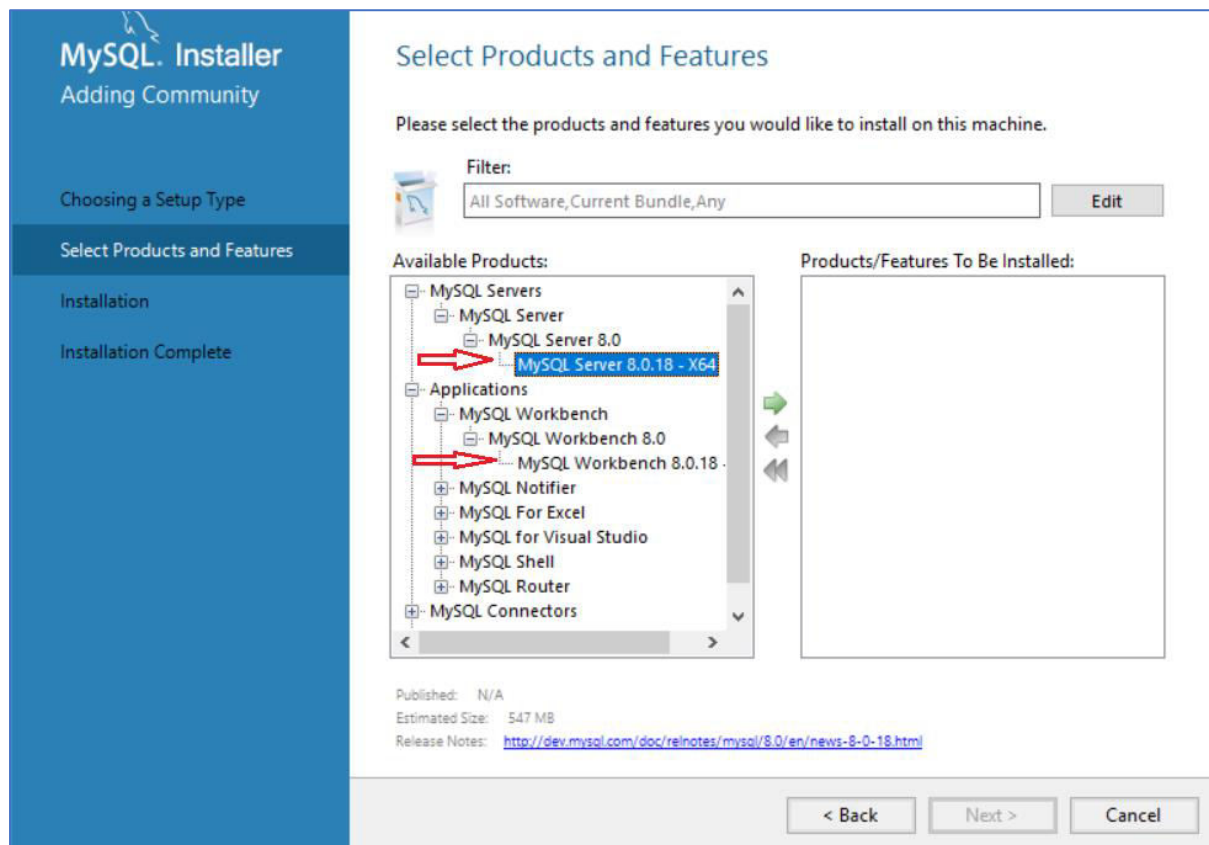


After downloading, run the msi file.

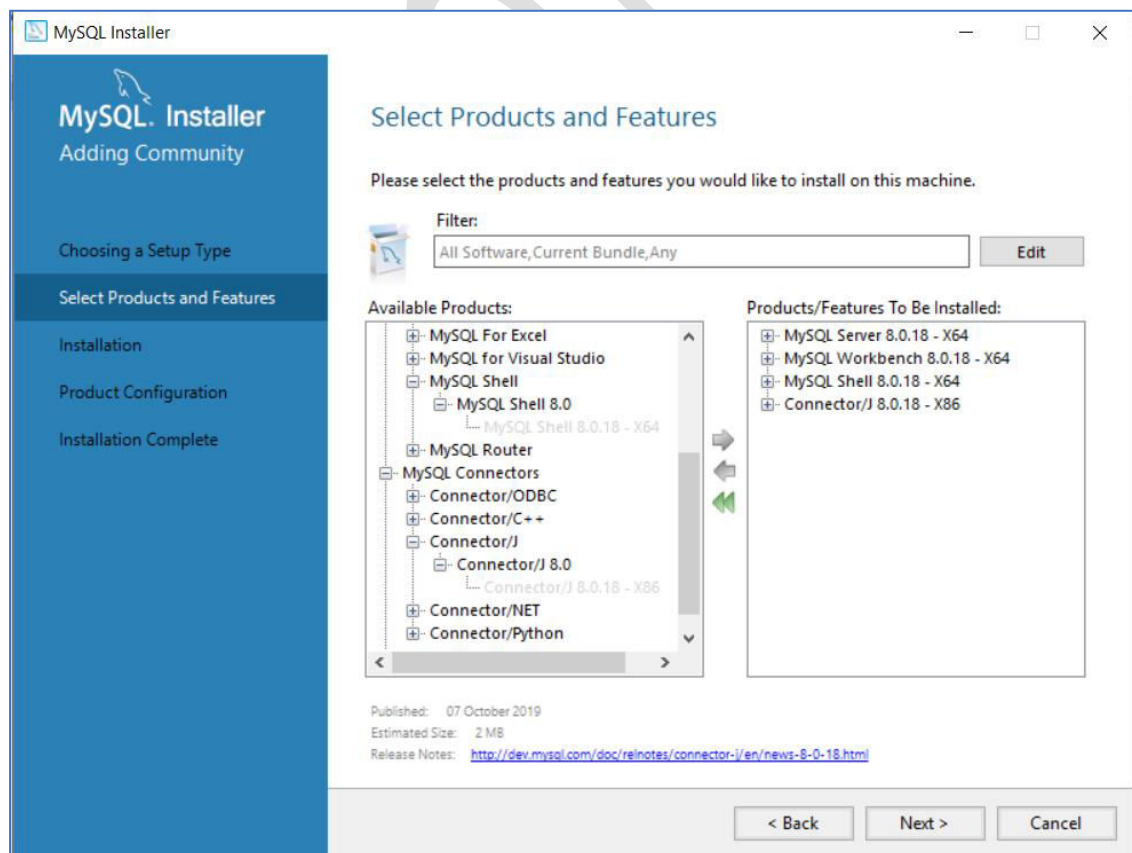


The Developer default option will install everything, including workbench, server etc. But we will choose the **custom** option:

Select the following options and push them into RHS pane.



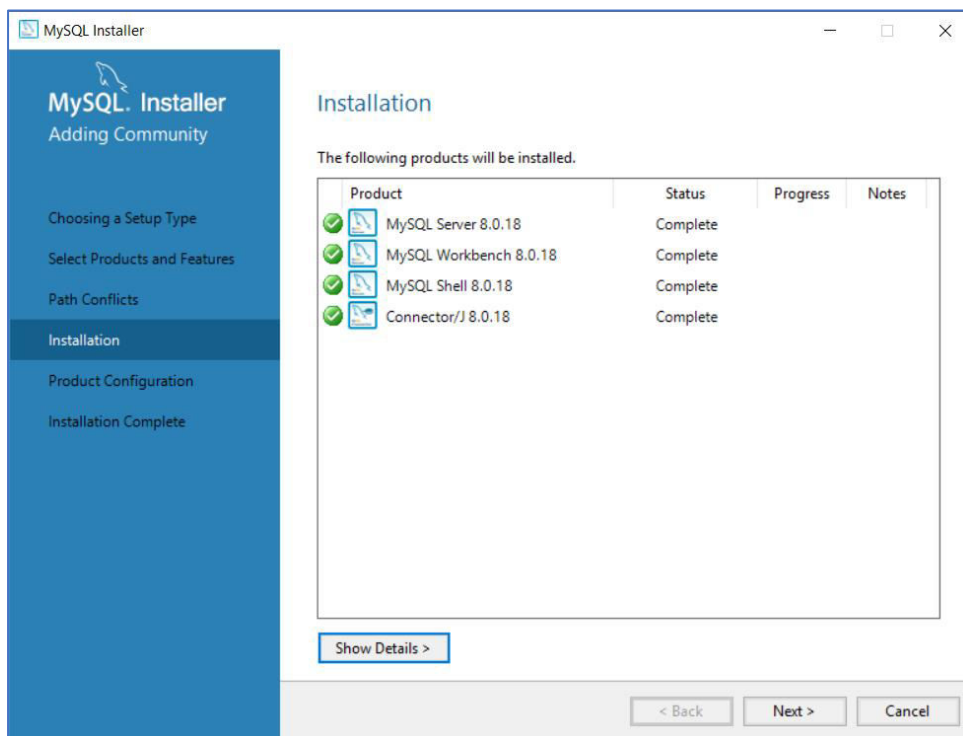
So finally, these are my 4 choices: Make sure your Right Hand Pane has these 4 options.



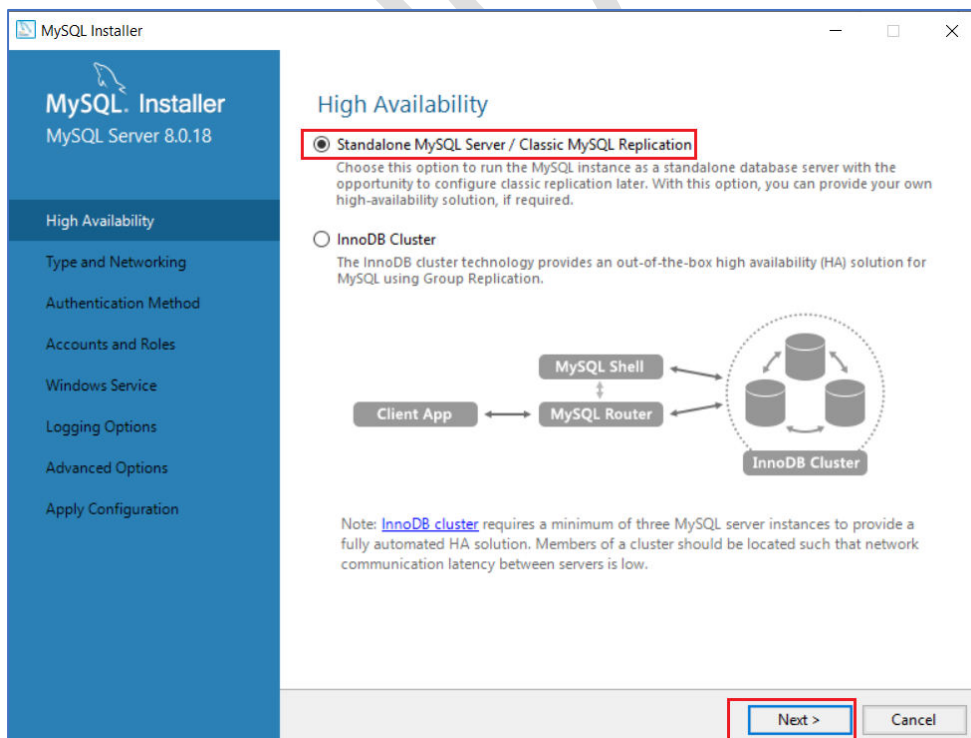
Click on next and execute to install the packages. Typically installs in:

Install Directory:
 C:\Program Files\MySQL\MySQL Server 8.0

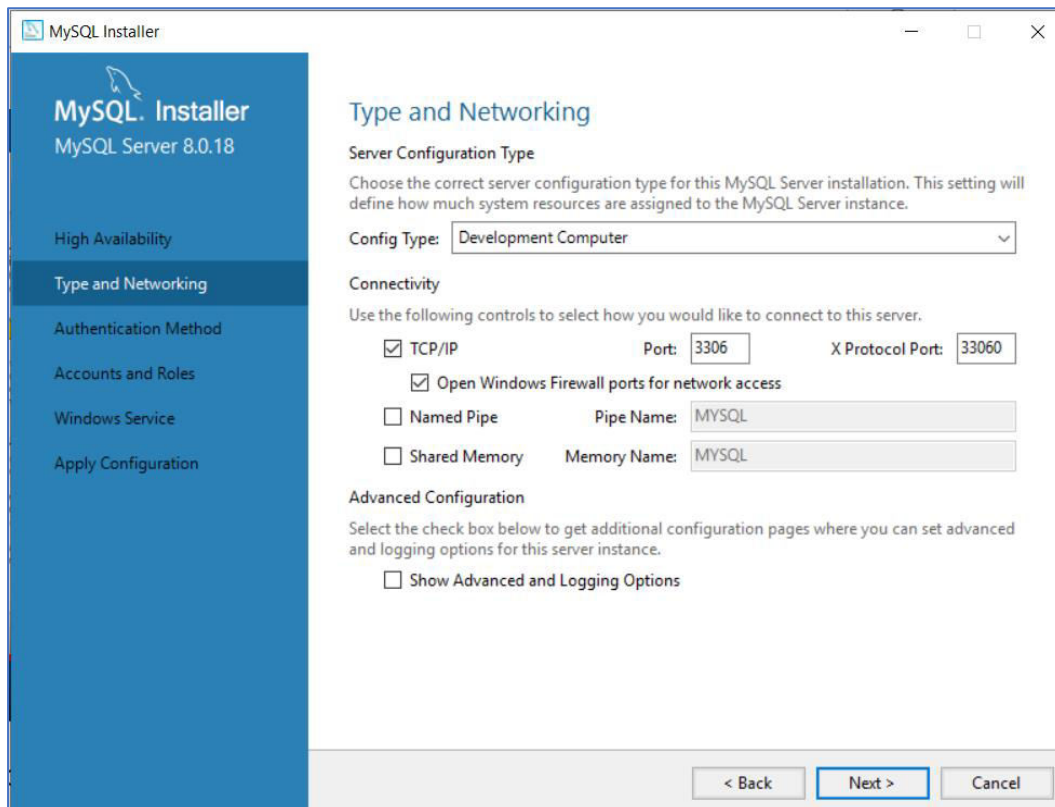
Data Directory:
 C:\ProgramData\MySQL\MySQL Server 8.0



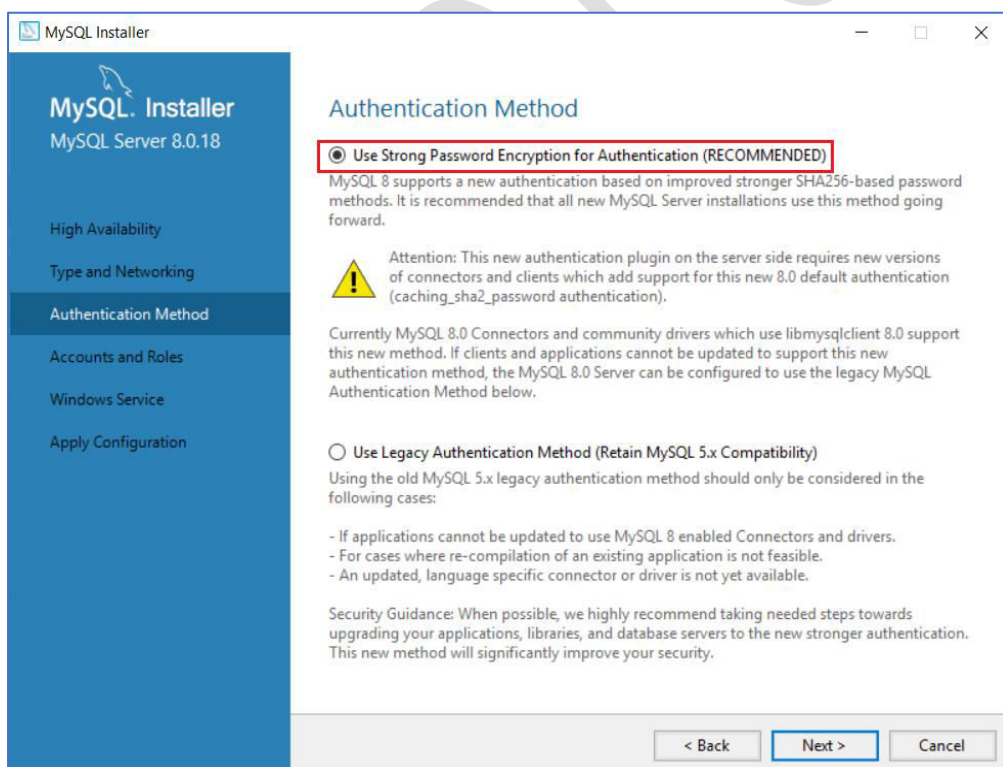
Click on next for configuring product:



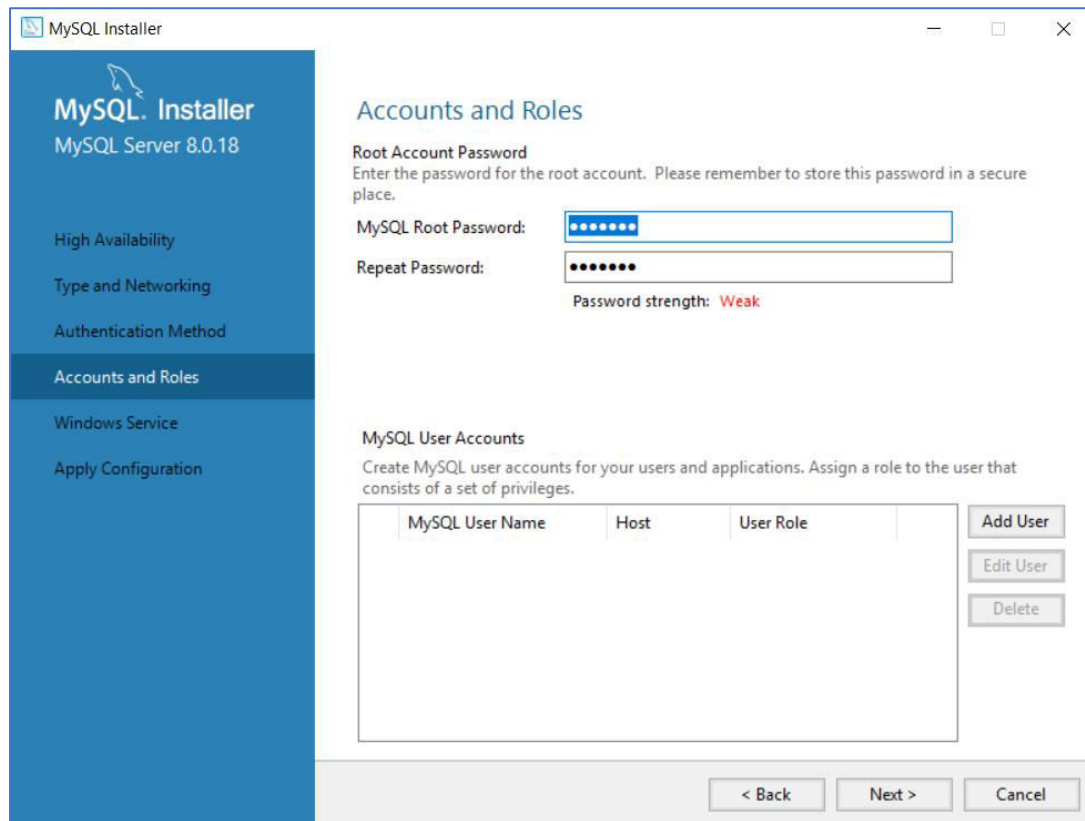
Select highlighted portions in above figure. No change required in next screen, just click “next”



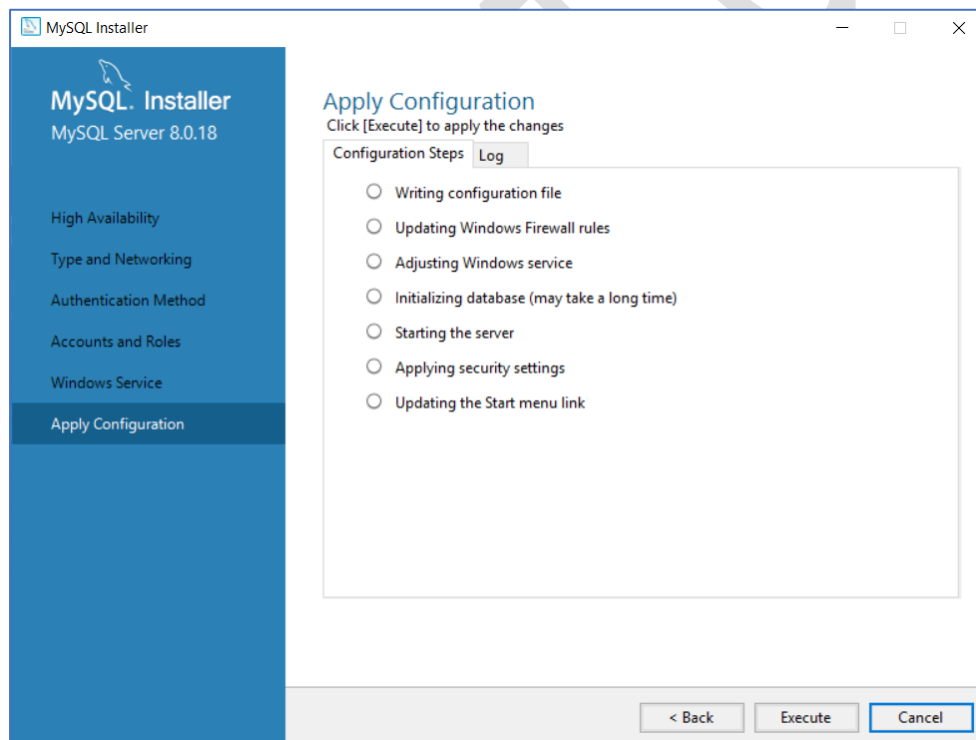
Use first option and click next:



I set the password as root123. You can give any password you want, just make sure you will remember it

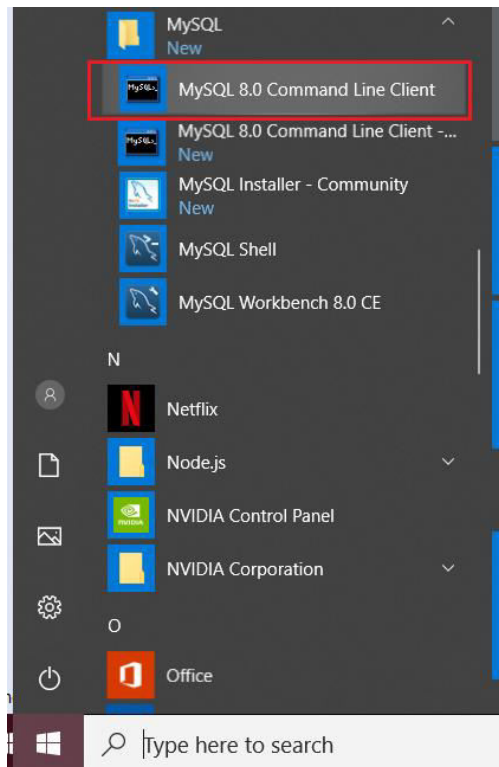


The remaining screens are as is. On last screen, simply click execute button:



After clicking on Finish, the Workbench starts automatically. But we will use command line client to work with MySQL, not the GUI workbench

I started mysql command prompt to begin working by going to :



You get this : Password will be whatever you set earlier

```
MySQL 8.0 Command Line Client
mysql: [Warning] C:\Program Files\MySQL\MySQL Server 8.0\bin\mysql.exe: ignoring o
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.18 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql>
```

To see all the databases you have on your system:


```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| trgdb |
+-----+
5 rows in set (0.00 sec)
```

To create your own database:

```
mysql> create database newdb;
Query OK, 1 row affected (0.02 sec)

mysql> use newdb;
Database changed
```

To connect to your database:

```
mysql> use trgdb;
Database changed
mysql> select * from test;
+----+-----+
| id | name |
+----+-----+
| 1  | aaa  |
| 2  | bbb  |
| 3  | ccc  |
| 5  | eee  |
+----+-----+
4 rows in set (0.03 sec)
```

To see all tables in your database:

```
mysql> use trgdb;
Database changed
mysql> show tables;
+-----+
| Tables_in_trgdb |
+-----+
| emp |
| test |
+-----+
2 rows in set (0.00 sec)
```

To create table, insert rows etc:


```
mysql> use trgdb;
Database changed
mysql> create table Person(personid int, pname varchar(10));
Query OK, 0 rows affected (0.10 sec)

mysql> insert into person values(101,'Anand');
Query OK, 1 row affected (0.02 sec)

mysql> insert into person values(102,'Sandeep');
Query OK, 1 row affected (0.00 sec)

mysql> insert into person values(103,'Soha');
Query OK, 1 row affected (0.01 sec)

mysql> select * from person;
+-----+-----+
| personid | pname |
+-----+-----+
|      101 | Anand |
|      102 | Sandeep |
|      103 | Soha |
+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

How to use in a Java app?

Google for and download mysql-connector-java-8.0.18.jar. you can download from <https://jar-download.com/artifacts/mysql/mysql-connector-java/8.0.18/source-code>

The screenshot shows the jar-download.com website. The URL in the address bar is jar-download.com/artifacts/mysql/mysql-connector-java/8.0.18/source-code. The page has a navigation bar with links: Start, Class search, Maven online tool, and Custom repos. The breadcrumb trail is: Home / mysql / mysql-connector-java / 8.0.18 / source code. There is a search bar with the text "Search in the official Maven repository" and a link "Search JAR files by class name". The main heading is "Download mysql-connector-java JAR 8.". Below it, it says "These are the files of the artifact mysql-connector-java version 8.0.18 from th". At the bottom, there is a button labeled "Download mysql-connector-java (8.0.18)" which is highlighted with a red box and a red arrow pointing to it. Below this button is a link "Artifact mysql-connector-java".

Bring this jar into your classpath (I will show you how to in class session)

Specify this in your java app:

```
public static void main(String[] args) {
```

```
String url = "jdbc:mysql://localhost:3306/trgdb";
```

```
try {
```

```
    DriverManager.registerDriver(new com.mysql.cj.jdbc.Driver());
```

```
    Connection conn = DriverManager.getConnection (url, "root", "root123");
```

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