

Fitness Planner Application Installation Guide

Introduction:

This installation guide explains the system requirements for installing Fitness planner application, the steps to install the application on a single computer, a list of components installed.

System Requirements:

I. To install Fitness Planner Application each computer must have the following minimum

Hardware Requirements:



- 30 MB available on the hard drive
- 512 MB RAM memory (1 GB recommended)
As your database grows, you will need more space.

Software requirements:

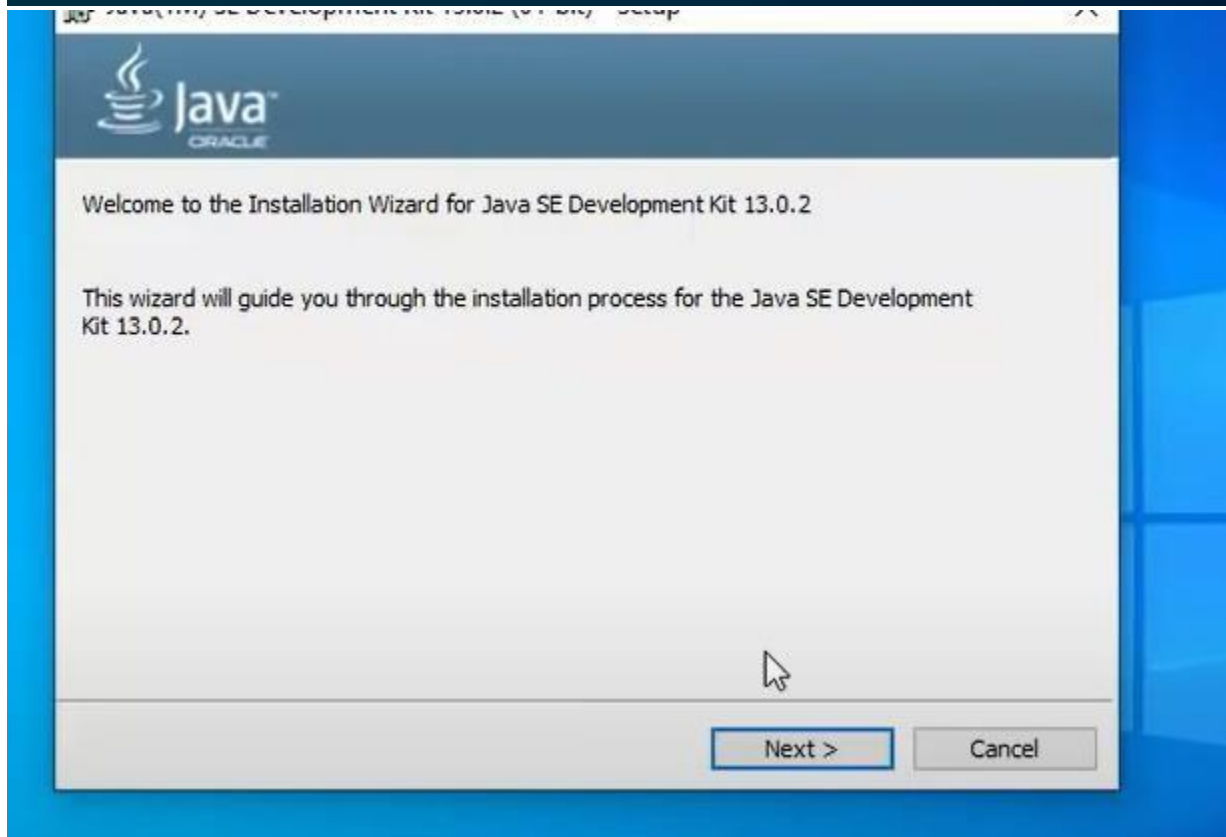
- Java: jdk(1.8.0) version
jre(1.8.0) version
- MySQL : 8.0 version
mysql-connector-java-8.0.27

II. Java Installation & Configuration Steps:

- Go to: <https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html> and download Java SE development Kit according to your system i.e either windows (32-bit,64-bit) and then install java on your system.

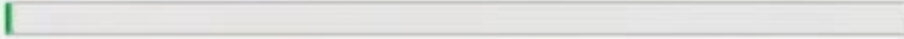
Windows x86	201.64 MB	 jdk-8u202-windows-i586.exe
Windows x64	211.58 MB	 jdk-8u202-windows-x64.exe

- Run the exe file.





Status: Copying new files



Java(TM) SE Development Kit [redacted], including a private JRE and src.zip.
This will require 420MB on your hard drive. Click the "Change" button to change the installation folder.



Install Java(TM) SE Development Kit [redacted] (it) to:
C:\Program Files\Java\ [redacted]

Change...

Back

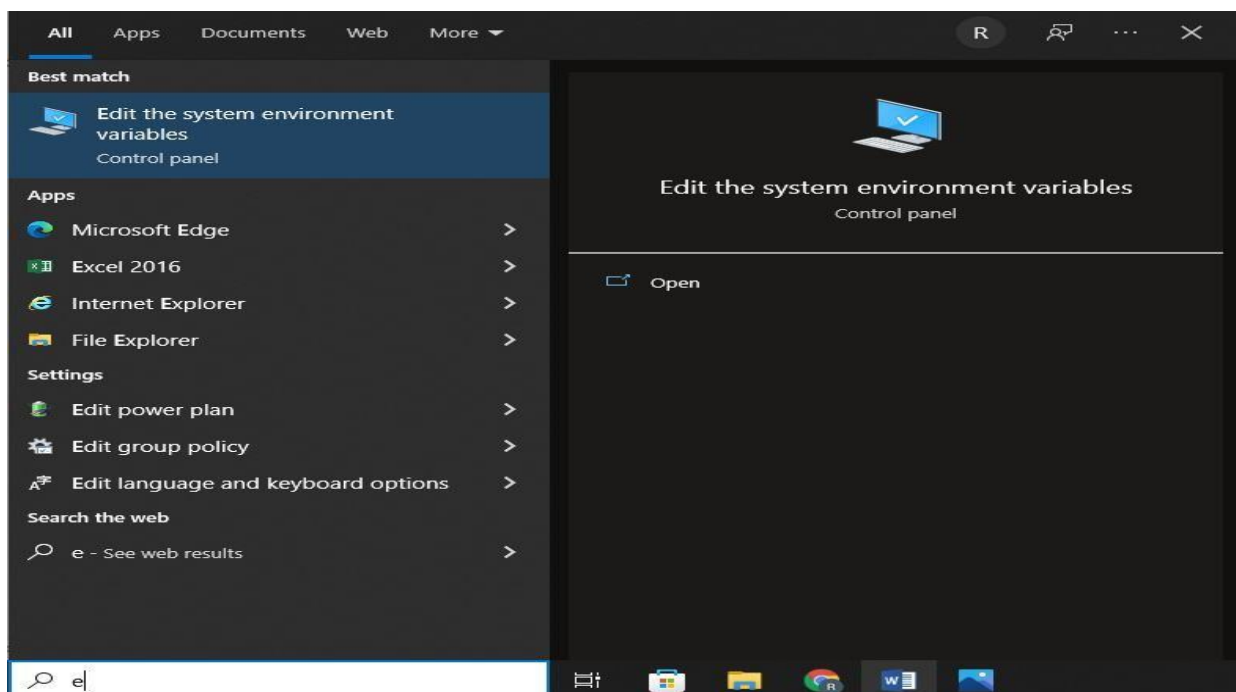
Next

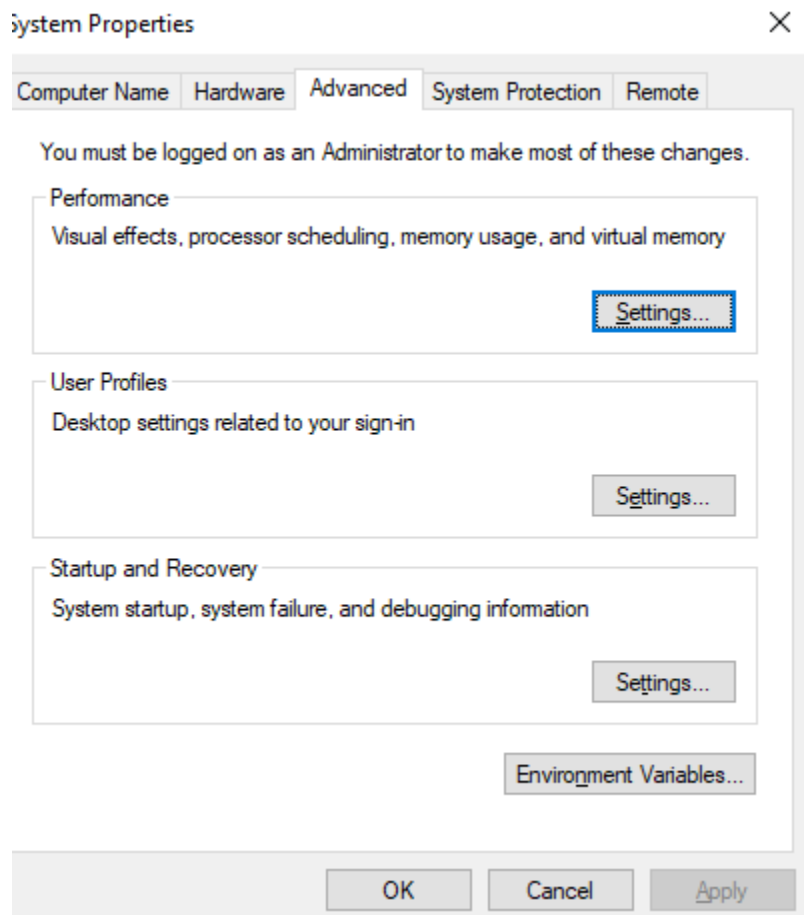
Cancel



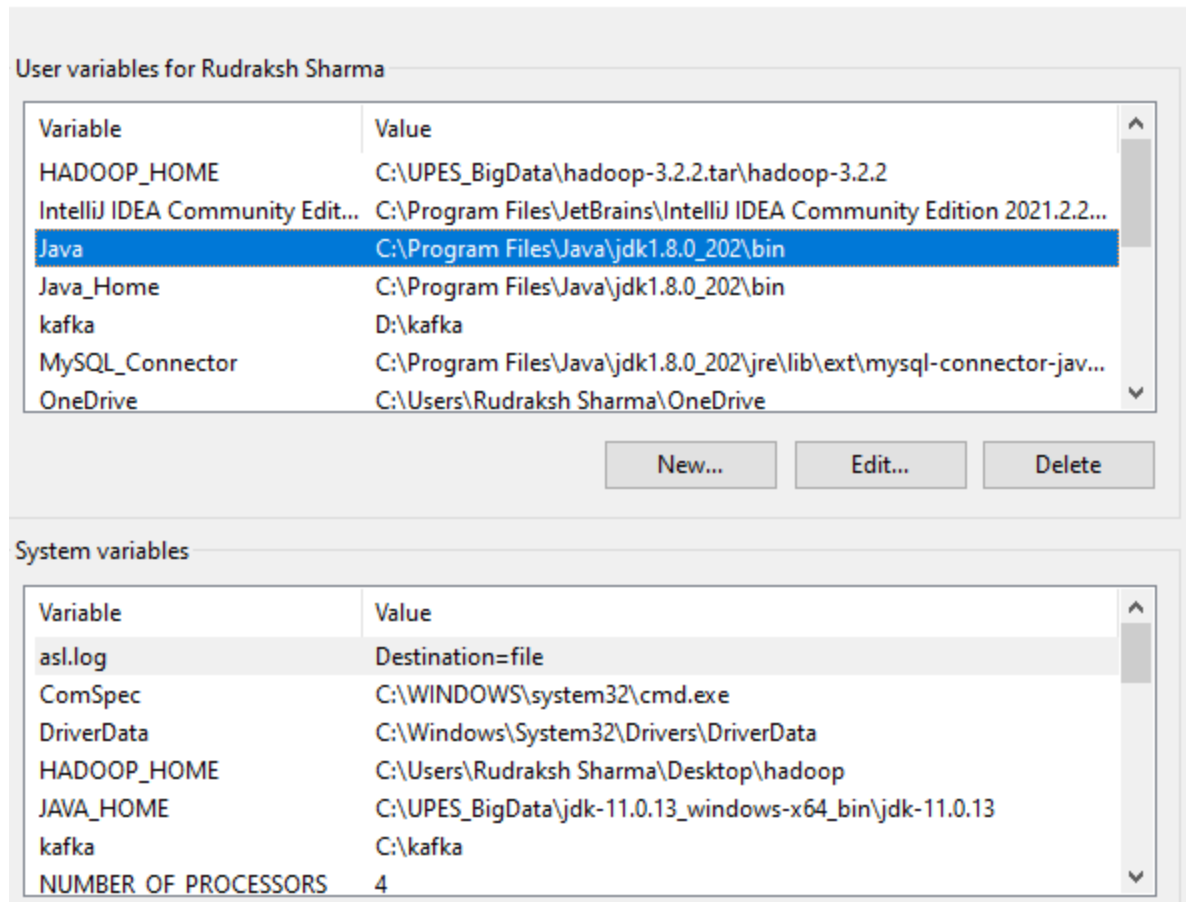
Add Java to your environment variable:

- Go to edit the system environment variable, a dialog box will open and click on environment variables





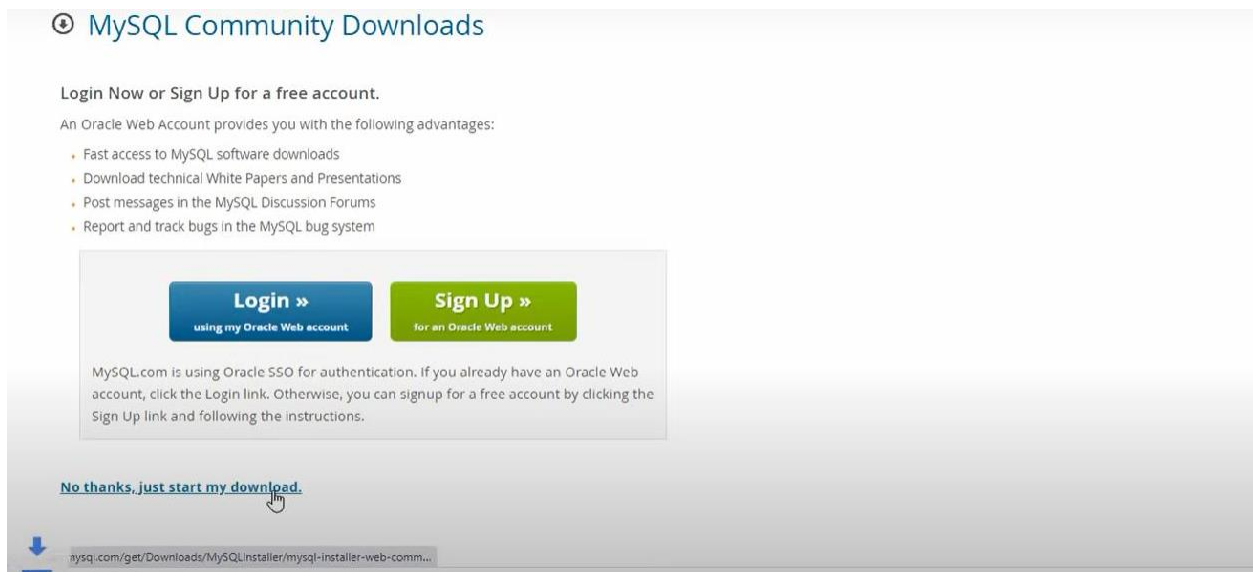
- Click on environment Variables.
- In user variables click on new, enter variable name as Java_Home and in variable value add the path of java jdk which was downloaded earlier.
- In user variable double click on path and then click on new and add C:\Program Files\Java\jdk1.8.0_202\bin (path where jdk is installed).



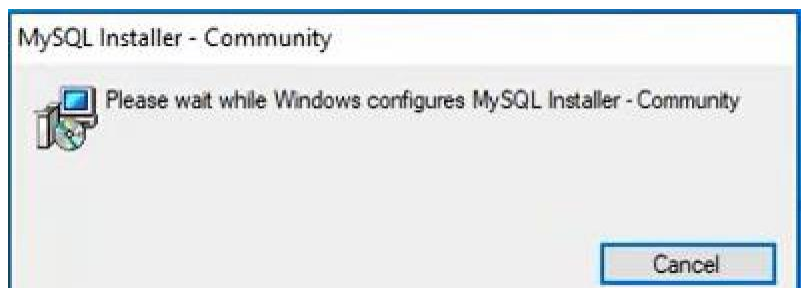
- Then click on ok then apply and then ok. Do the same for Java jre.

III. MySQL Installation & Configuration Steps:

- Go to <https://dev.mysql.com/downloads/> and click on MySQL Installer for Windows.

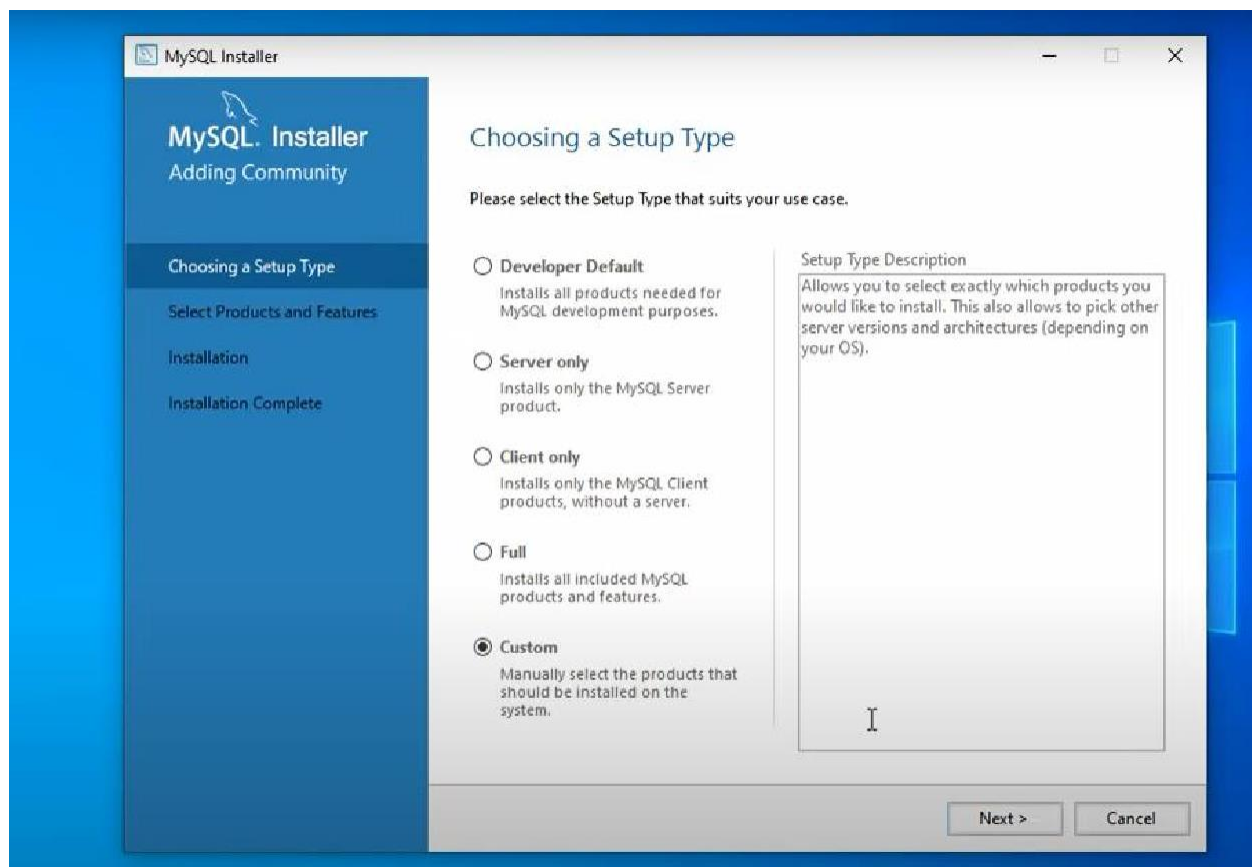


- Click on download for Windows (x86, 32-bit), MSI Installer and then click on No thanks, just start my download. Run the downloaded exe file and follow followings procedure:

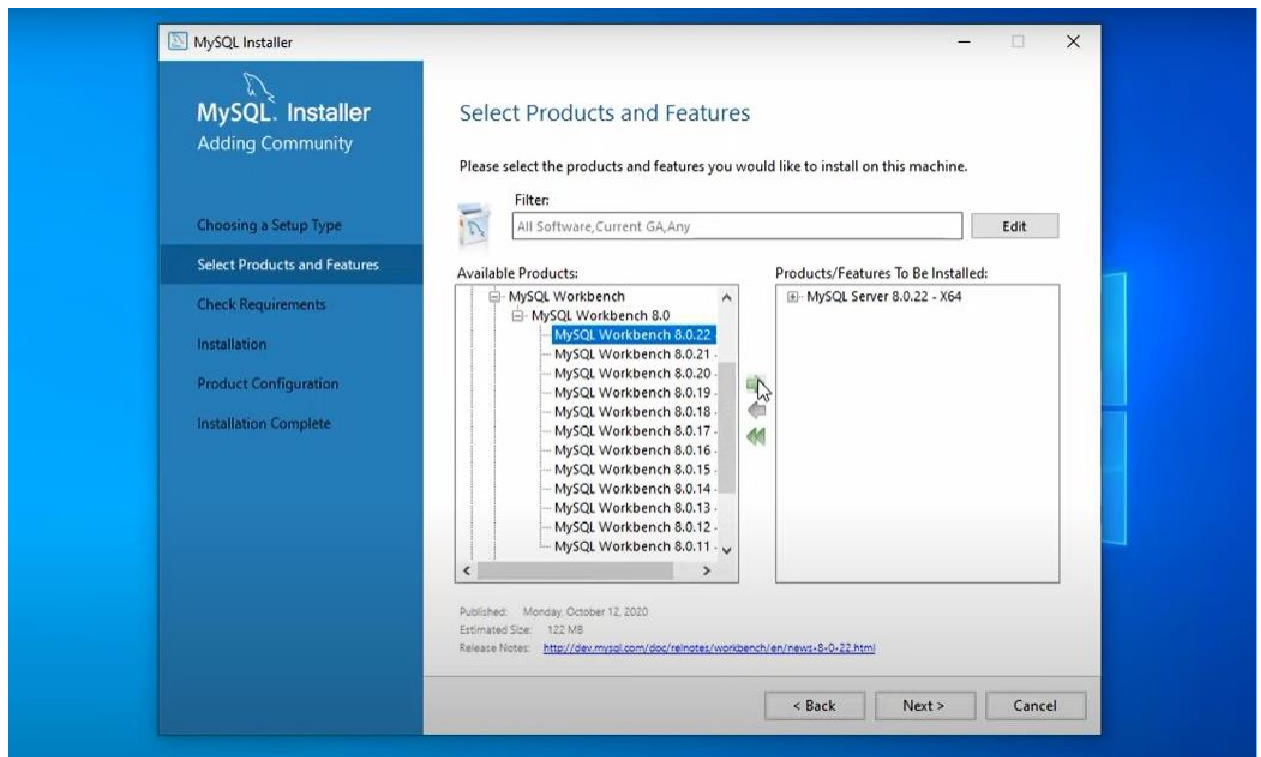


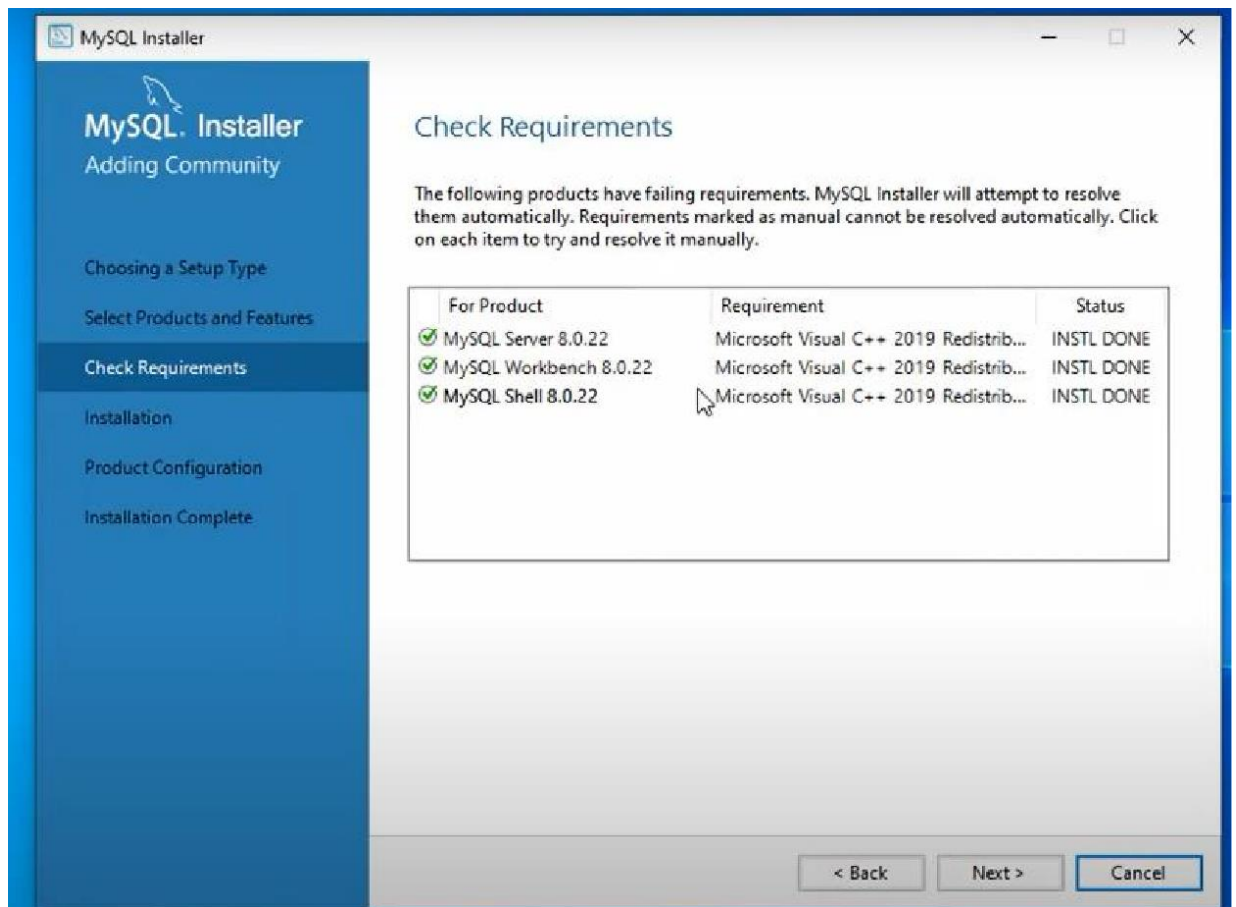


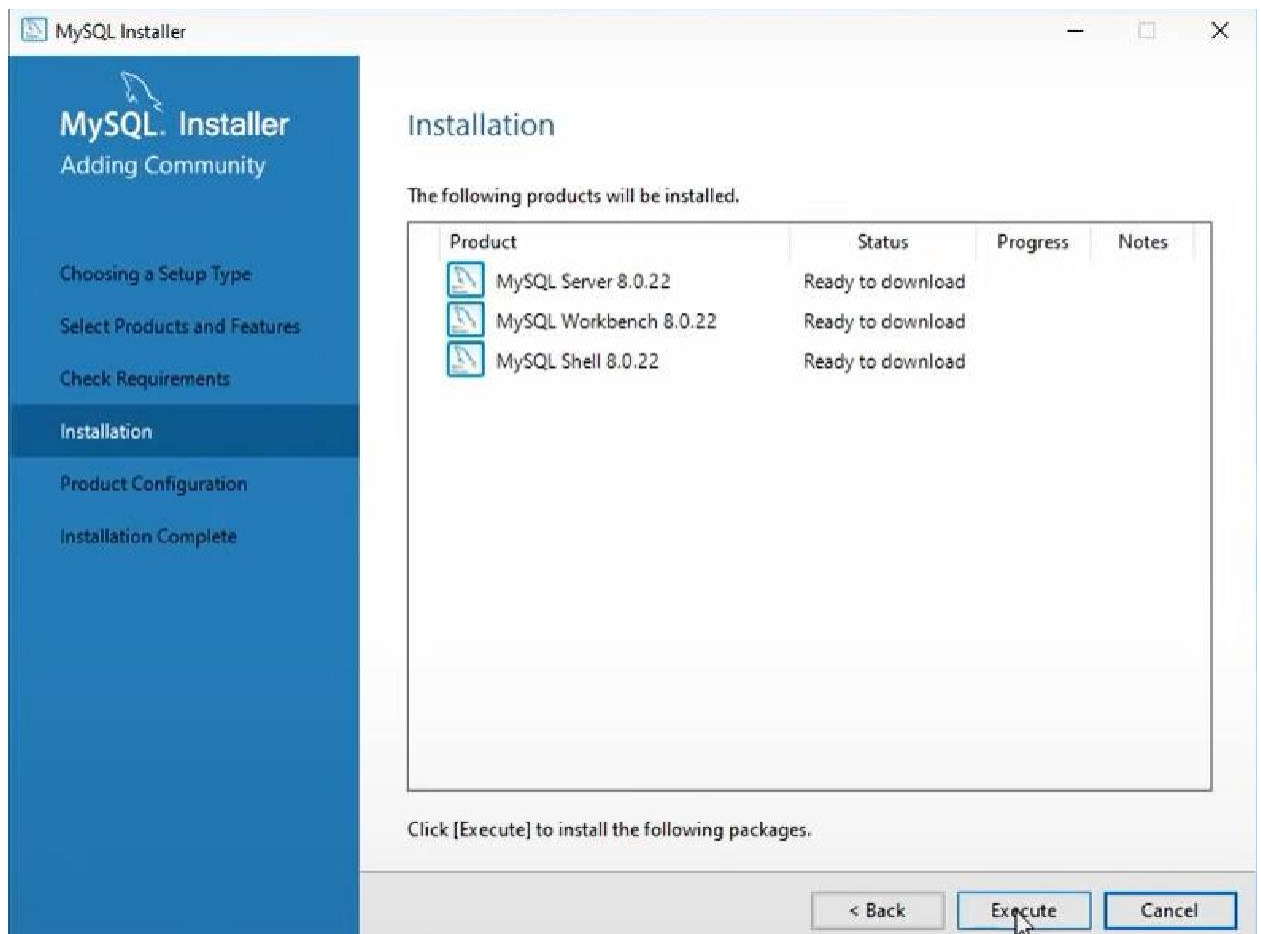
- Select on custom and then next

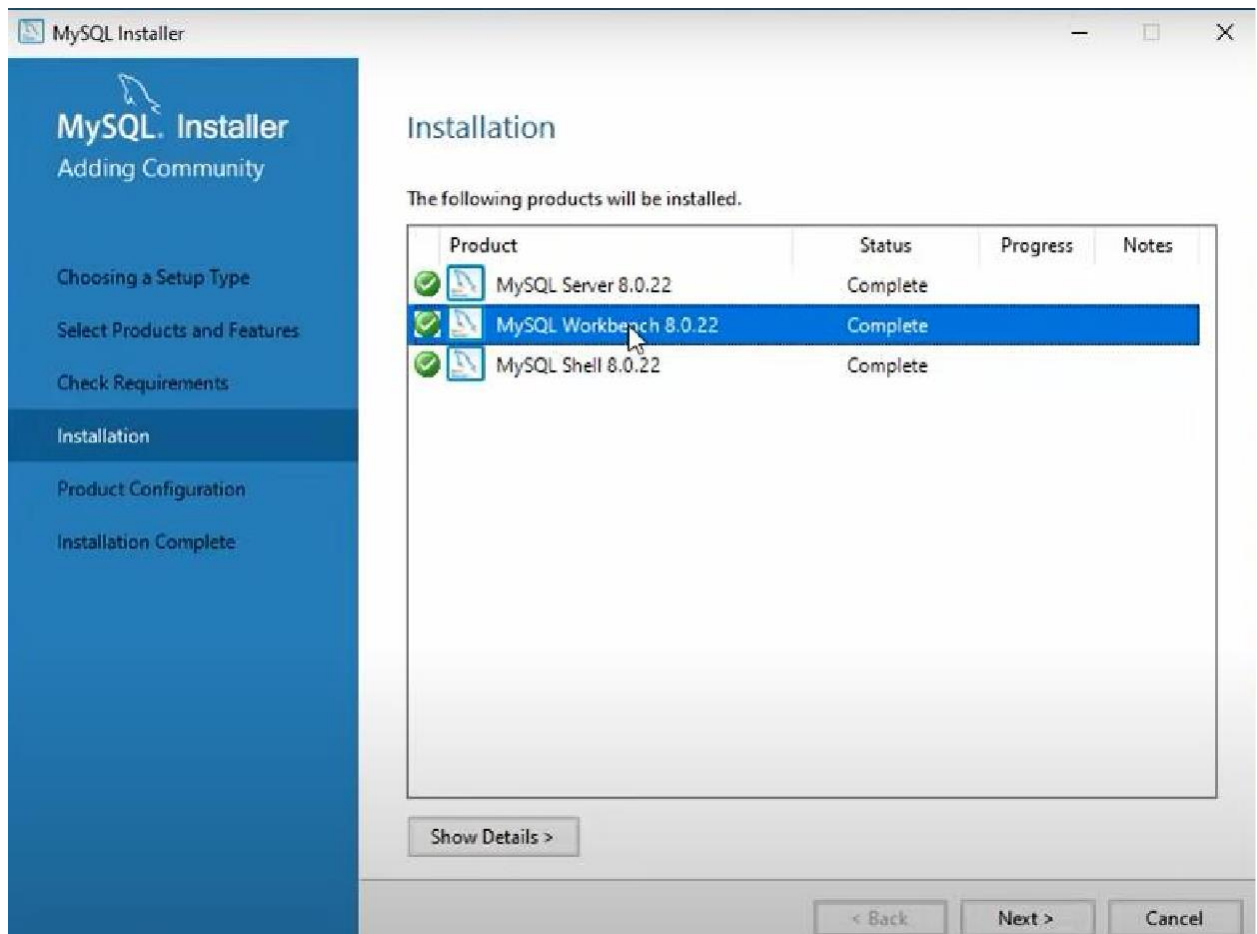


- Select MySQL Workbench 8.0.22 and the next









MySQL Installer

MySQL Server 8.0.22

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

Type and Networking

Server Configuration Type

Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

Config Type: Development Computer

Connectivity

Use the following controls to select how you would like to connect to this server.

☒ TCP/IP

Port: 3306X Protocol Port: 33060

☒ Open Windows Firewall ports for network access

☐ Named Pipe

Pipe Name: MYSQL

☐ Shared Memory

Memory Name: MYSQL

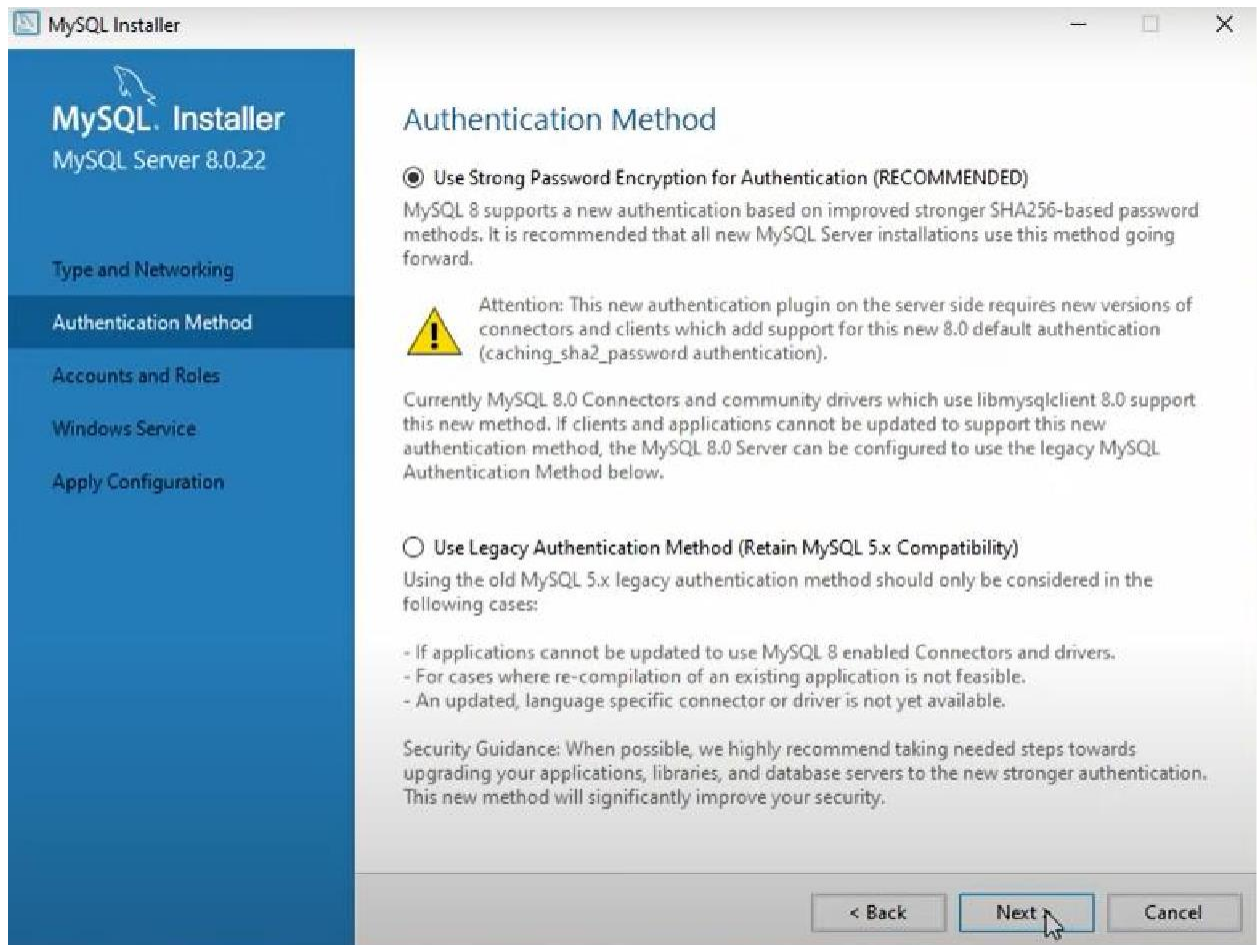
Advanced Configuration

Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.

☐ Show Advanced and Logging Options

Next >

Cancel



Select password as dC4M7R@1.

MySQL Installer

MySQL Server 8.0.22

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

Accounts and Roles

Root Account Password

Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:



Repeat Password:

MySQL User Accounts

Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role

Add User

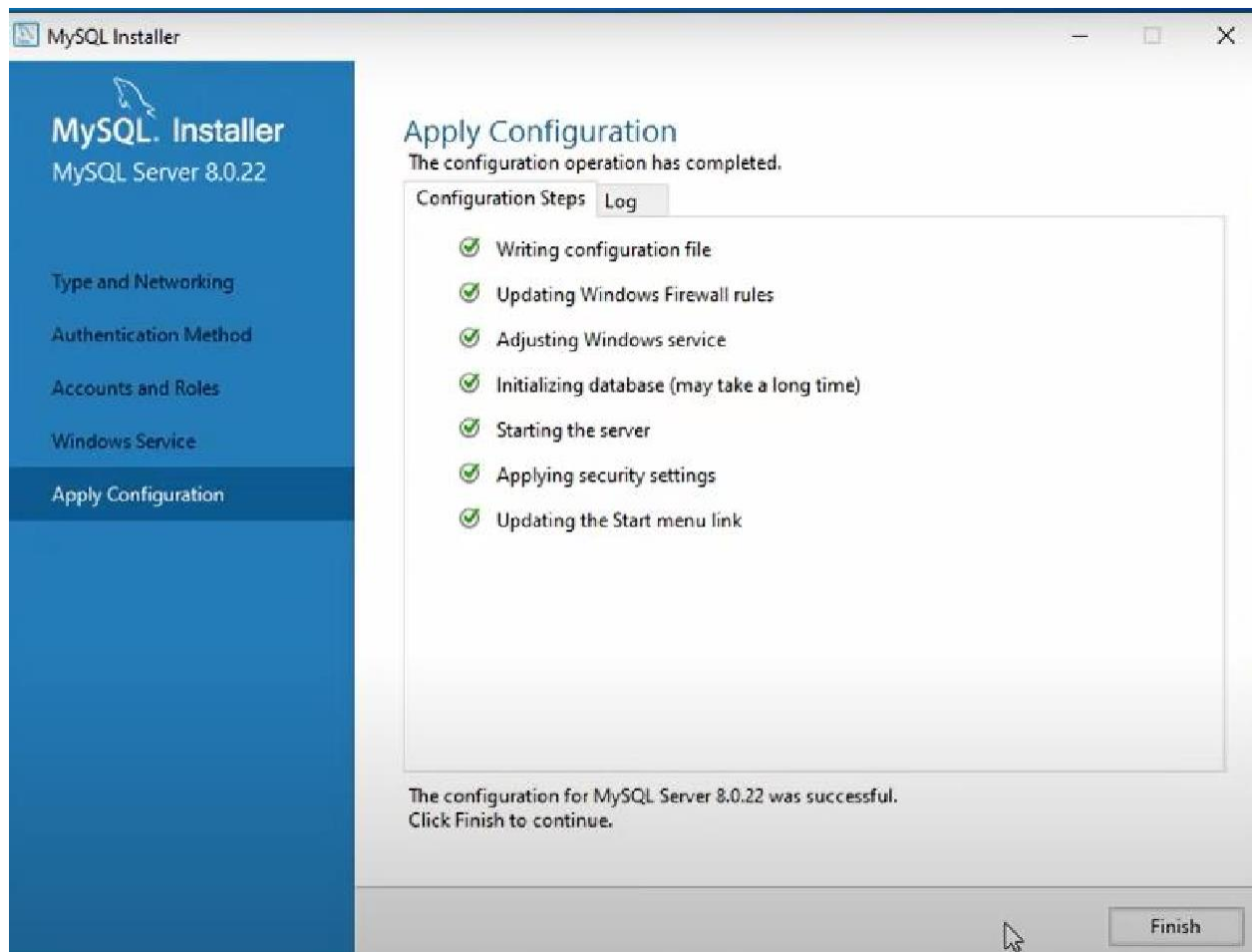
Edit User

Delete

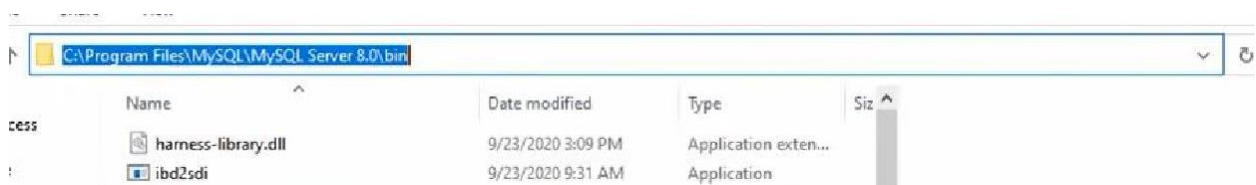
< Back

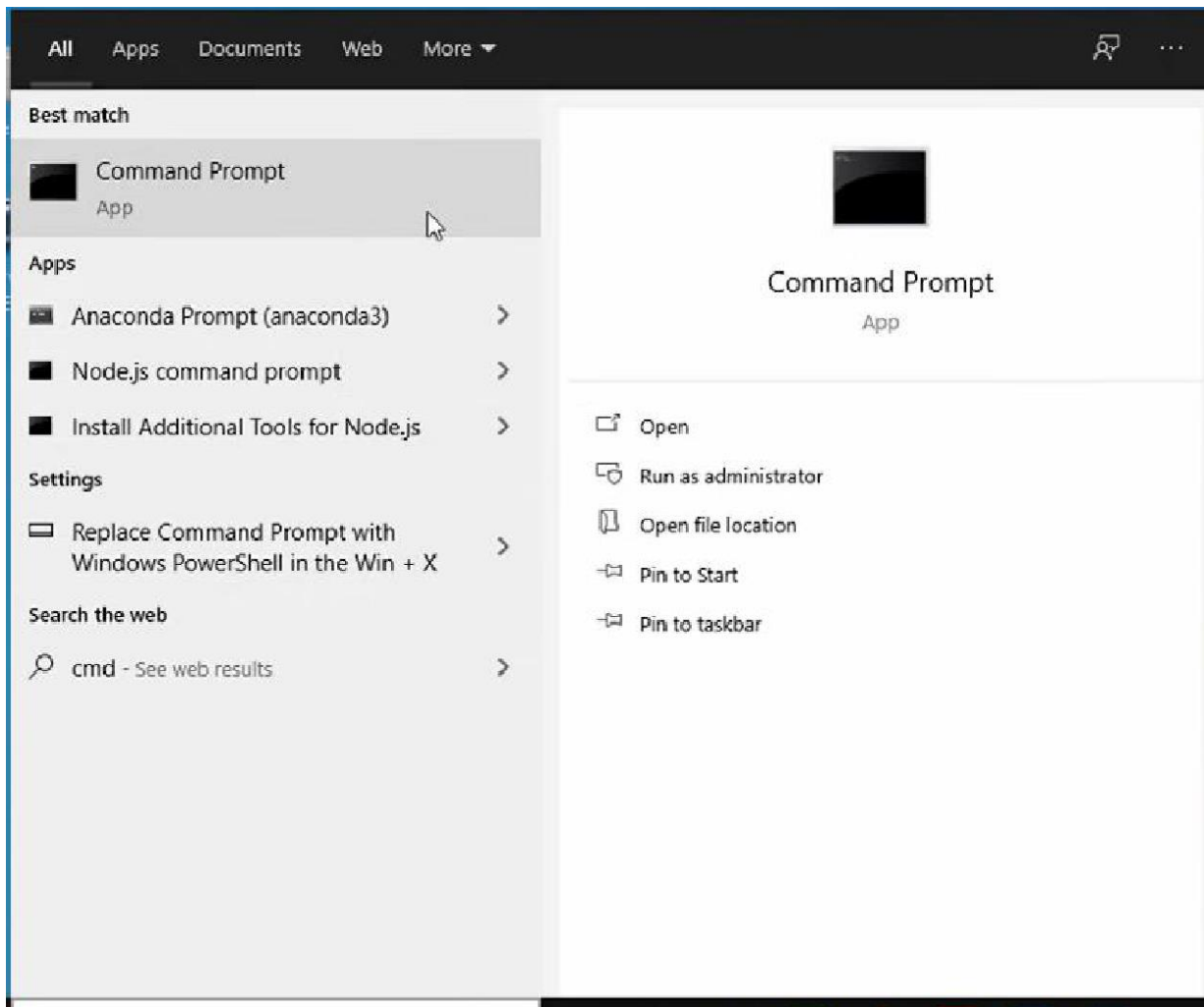
Next >

Cancel



- Copy the path of MySQL





```
Administrator: Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\Program Files\MySQL\MySQL Server 8.0\bin

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p
Enter password: _
```

```

Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\Program Files\MySQL\MySQL Server 8.0\bin

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.22 MySQL Community Server - GPL

Copyright (c) 2000, 2020, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
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>


```

IV. MySQL connector configuration steps:

- Go to <https://downloads.mysql.com/archives/c-j/> and select operating system as platform independent and download the zip file.

MySQL Product Archives

MySQL Connector/J (Archived Versions)

 Please note that these are old versions. New releases will have recent bug fixes and features!
To download the latest release of MySQL Connector/J, please visit [MySQL Downloads](#).

Product Version:

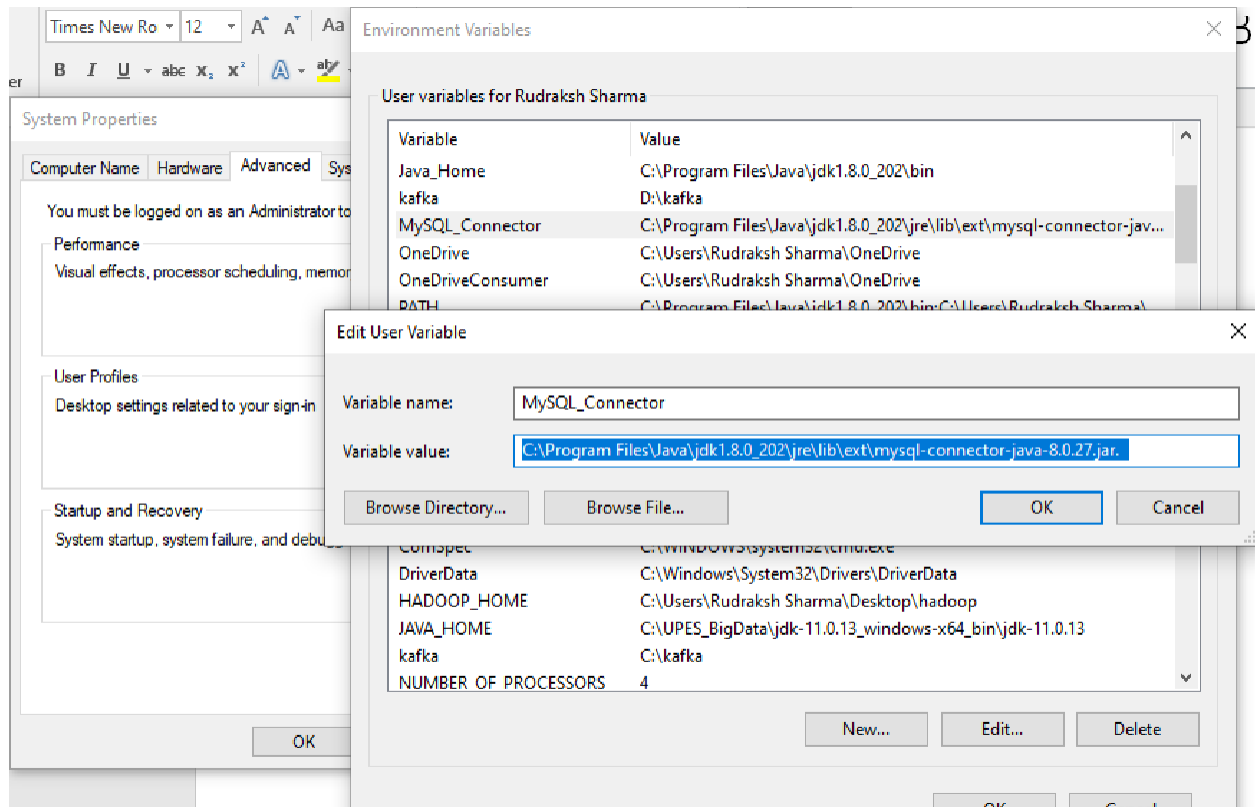
Operating System:

Platform Independent (Architecture Independent), Compressed TAR Archive (mysql-connector-java-8.0.27.tar.gz)	Sep 28, 2021	4.0M	Download
		MD5: 9243dc26efa3900e13517e002a60d7f5 Signature	
Platform Independent (Architecture Independent), ZIP Archive (mysql-connector-java-8.0.27.zip)	Sep 28, 2021	4.8M	Download
		MD5: 3d954e96f5b78537cf53c4dd31f11eca Signature	

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

MySQL open source software is provided under the [GPL License](#).

- Extract the zip file and copy the jar file and paste in C:\Program Files\Java\jdk1.8.0_202\jre\lib\ext folder
- In environment variables click on new variable set name as mysql connector and set path as C:\Program Files\Java\jdk1.8.0_202\jre\lib\ext\mysql-connector-java-8.0.27.jar.



V. MySQL:

Create a database in mysql as “fps” and create 4 tables i.e all_users, maintain_rec, reg, time_of_login.

```
mysql> use fps;
Database changed
mysql> show tables;
+-----+
| Tables_in_fps |
+-----+
| all_users      |
| maintain_rec   |
| reg            |
| time_of_login  |
+-----+
4 rows in set (0.12 sec)
```

```
mysql> describe all_users
-> ;
```

Field	Type	Null	Key	Default	Extra
user_id	varchar(20)	YES		NULL	
user_pass	varchar(50)	YES		NULL	
user_type	varchar(10)	YES		NULL	

3 rows in set (0.28 sec)

```
mysql> describe maintain_rec;
```

Field	Type	Null	Key	Default	Extra
adm_no	int	YES		NULL	
date	varchar(10)	YES		NULL	
muscle_group_name	varchar(45)	YES		NULL	
sr_no	int	YES		NULL	
exe_name	varchar(45)	YES		NULL	
sets	int	YES		NULL	
reps	varchar(30)	YES		NULL	
rest	varchar(25)	YES		NULL	

8 rows in set (0.00 sec)

```
mysql> describe reg;
```

Field	Type	Null	Key	Default	Extra
adm_no	int	YES		NULL	
sname	varchar(20)	YES		NULL	
address	varchar(100)	YES		NULL	
phone	varchar(10)	YES		NULL	
dob	varchar(10)	YES		NULL	
gender	varchar(6)	YES		NULL	
hobbies	varchar(30)	YES		NULL	
state	varchar(20)	YES		NULL	

```
8 rows in set (0.00 sec)
```

```
mysql> describe time_of_login;
```

Field	Type	Null	Key	Default	Extra
user_id	varchar(20)	YES		NULL	
time	varchar(50)	YES		NULL	

```
2 rows in set (0.00 sec)
```

```
mysql>
```

VI. Final Step:

- Download the zip file names as Fitness_Planner.zip, extract the folder
- Double Click on run.bat file and enter admin in user-id and pass123 in password

Fitness Planner System

User-ID

Password

Login

That its