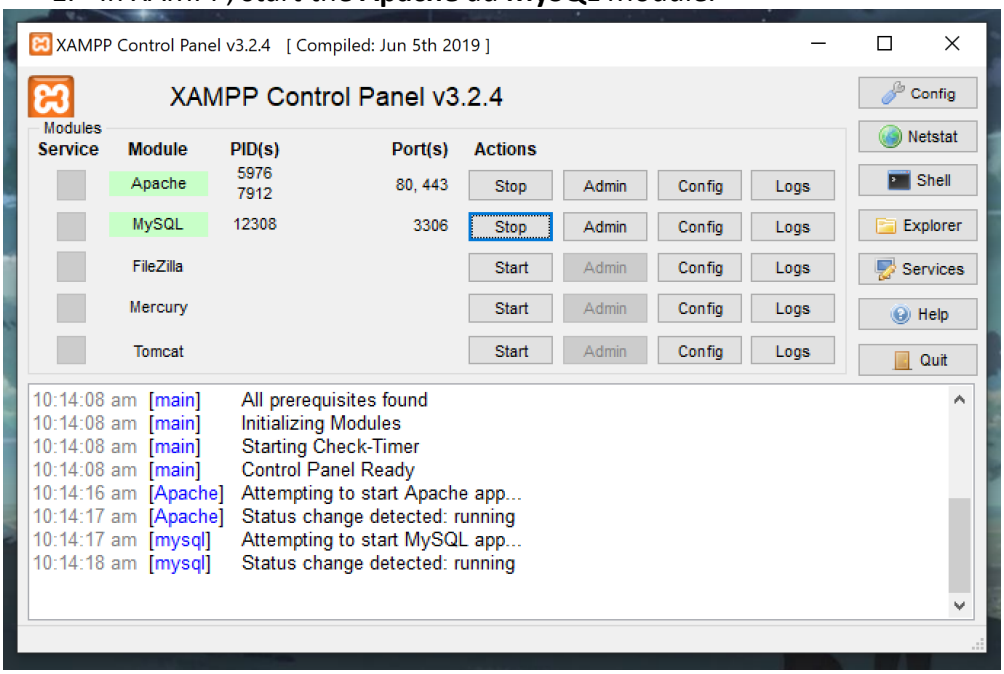
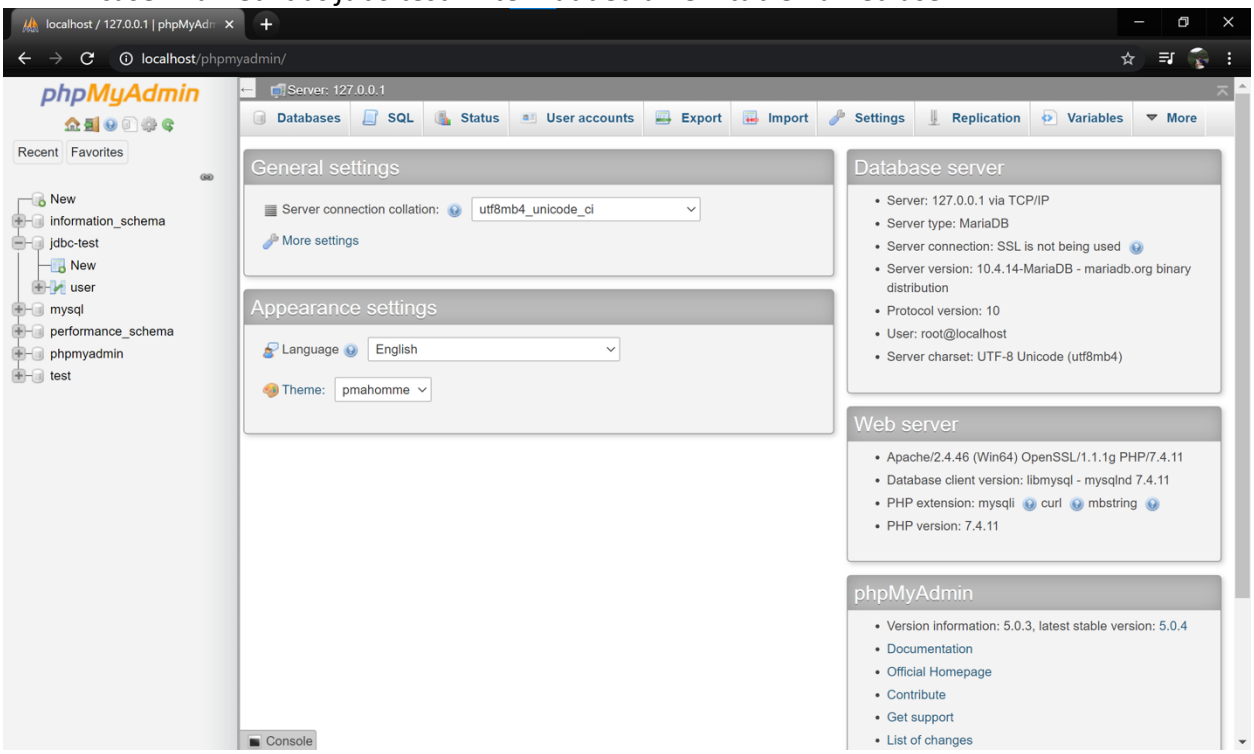
Set-up

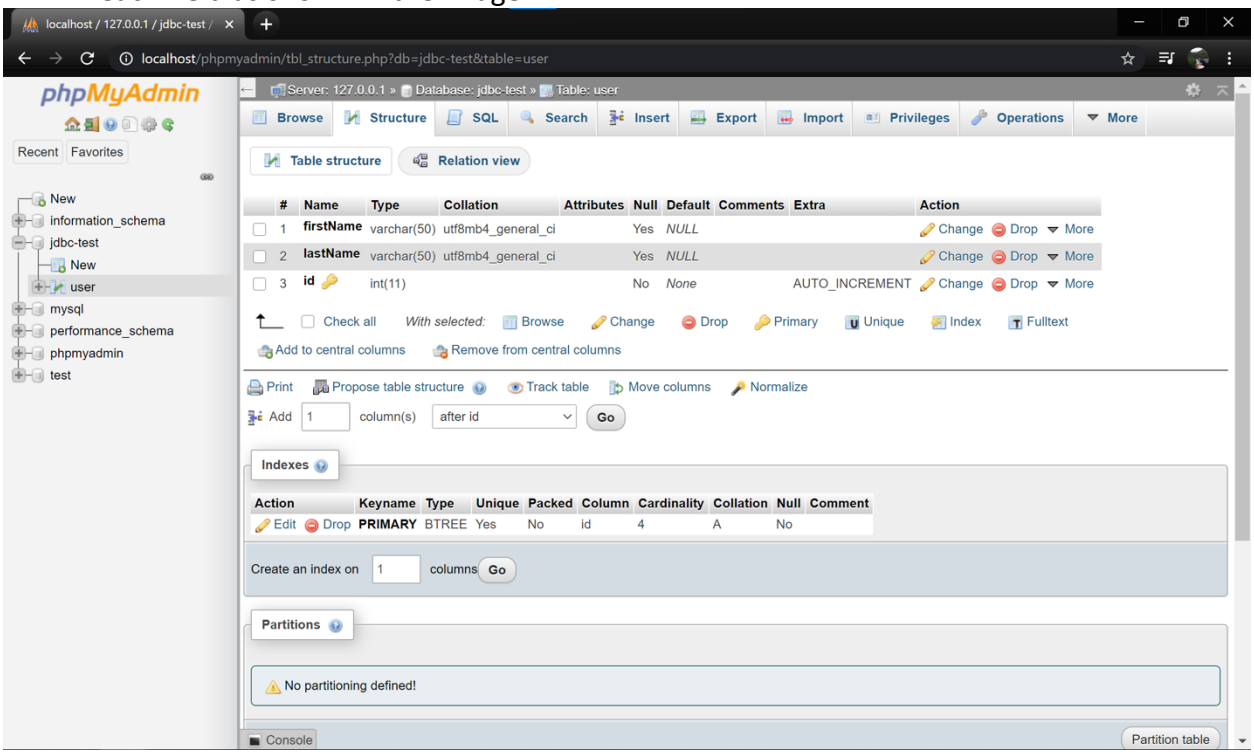
1. In XAMPP, start the **Apache** ad **MySQL** Module.



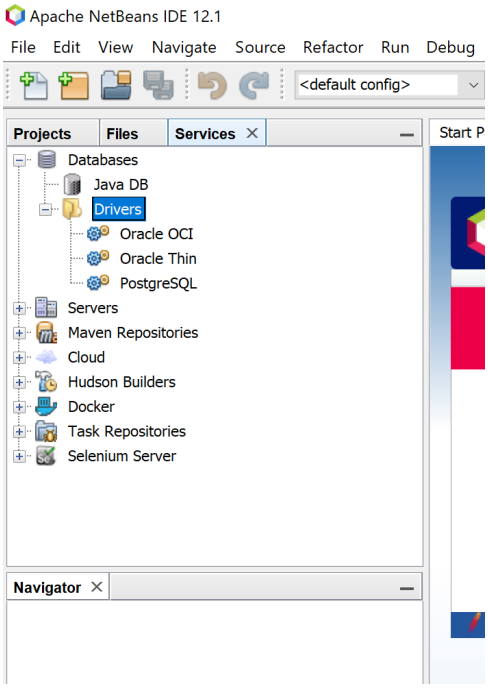
2. Open your browser and got to *localhost/phpmyadmin/*. Create a new database. In this case I named it as *jdbc-test*. After I added a new table named *user*.



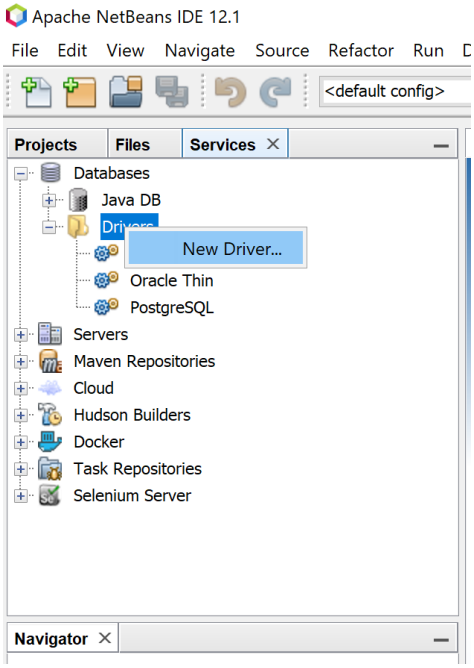
3. Add the three fields namely id, firstName and lastName. Just copy the properties set for each field as shown in the image.



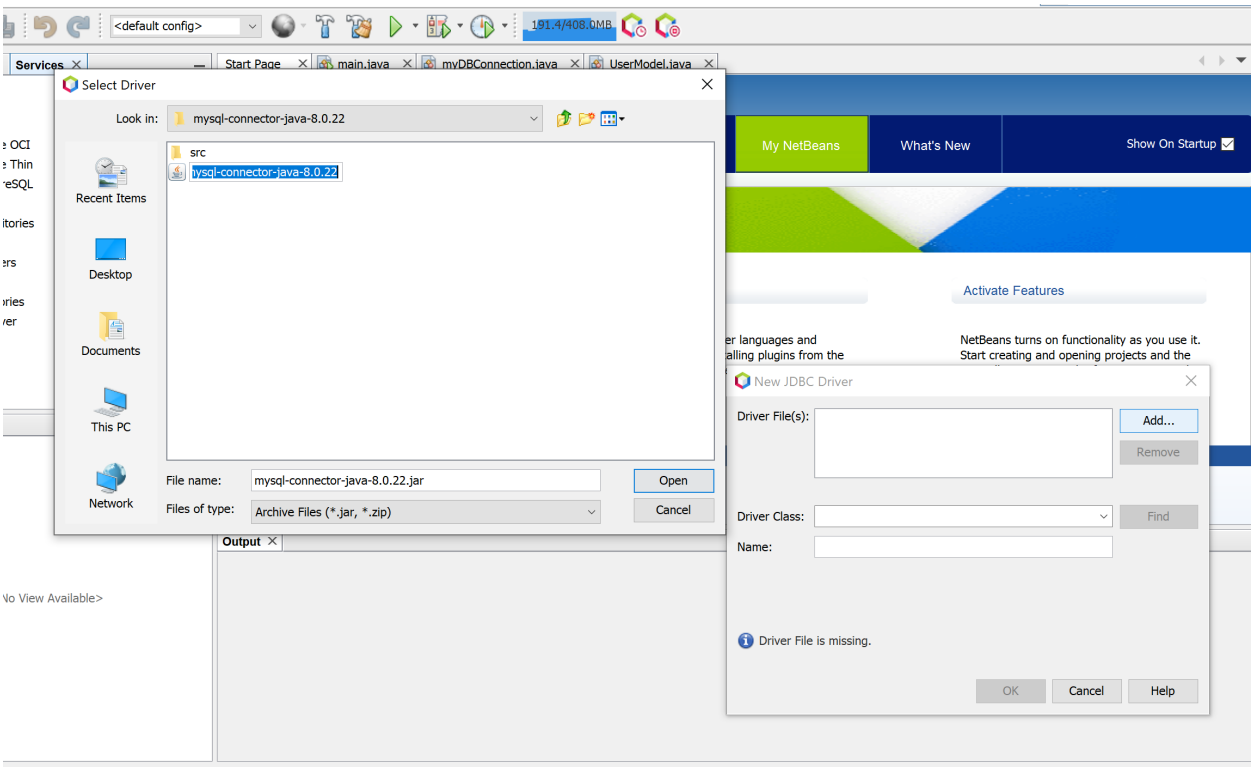
4. Open your NetBeans app and go to Services tab and expand the *Databases* menu then go to *Drivers* folder.



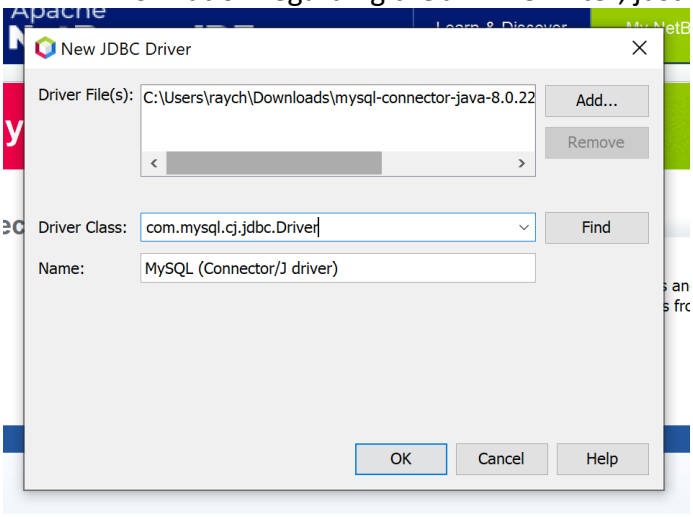
5. While in the *Drivers* folder, right click and select *New Driver* option.



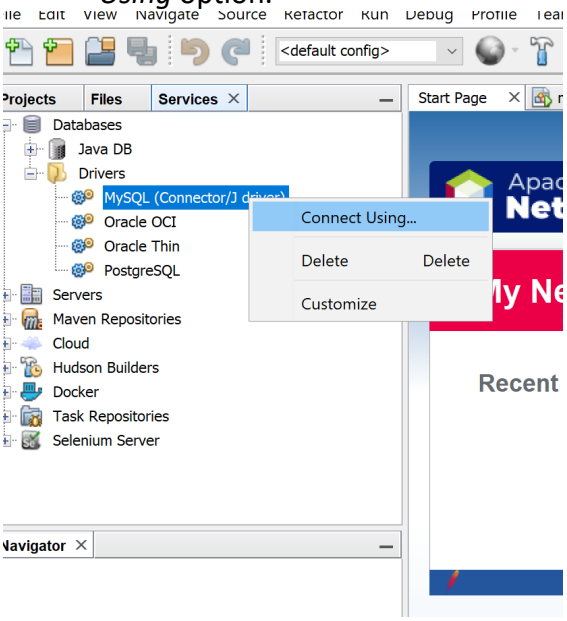
6. In the *New JDBC Driver* window, you will then need to click the *Add* button to locate the JAR file which is included in this tutorial.



7. After selecting and opening the JAR file, the window will then be populated with the information regarding the JAR file. After, just click the OK button.



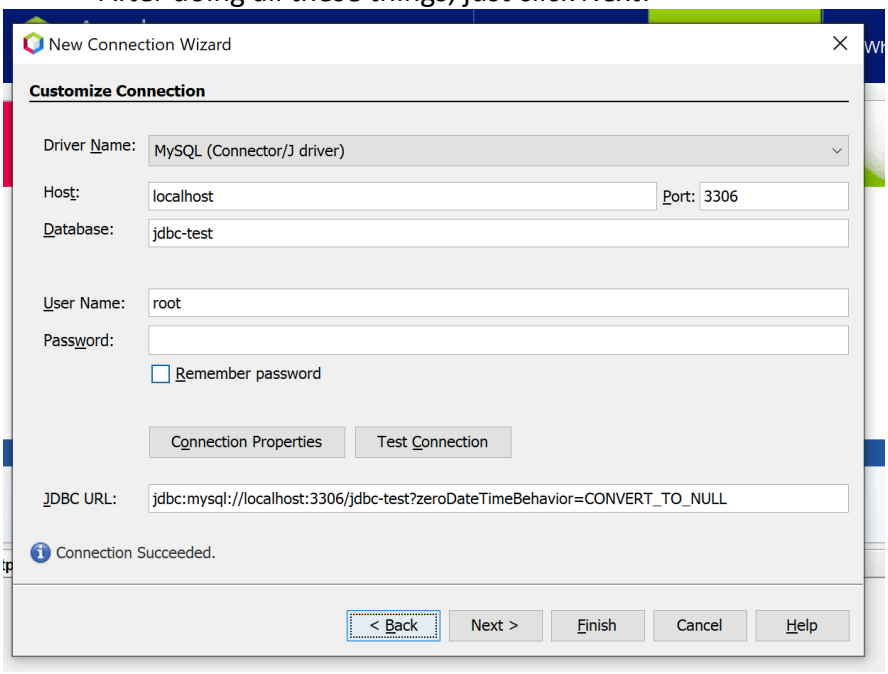
8. Once the driver is added, right click on the newly added driver and select the *Connect Using* option.



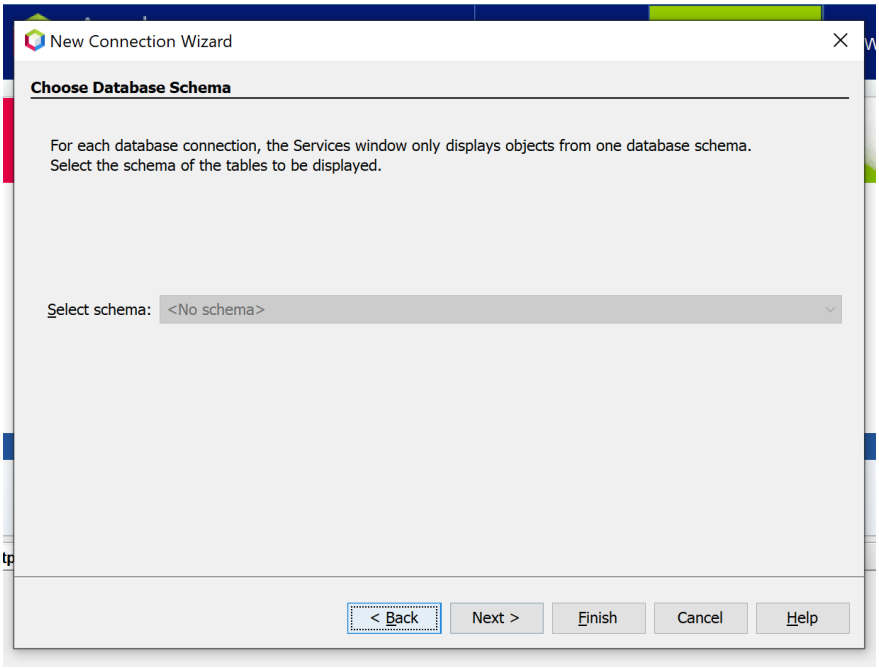
9. For the connection settings, just make sure that your *host*, *port*, *database*, *user name* and *password* matches with what is set in your phpMyAdmin. If you have not changed any of those details in your phpMyAdmin then you only have to change the *database*. In this case, change the database to **jdbc-test**.

   Click *Test Connection* button to check if you are connected to your database in phpMyAdmin.

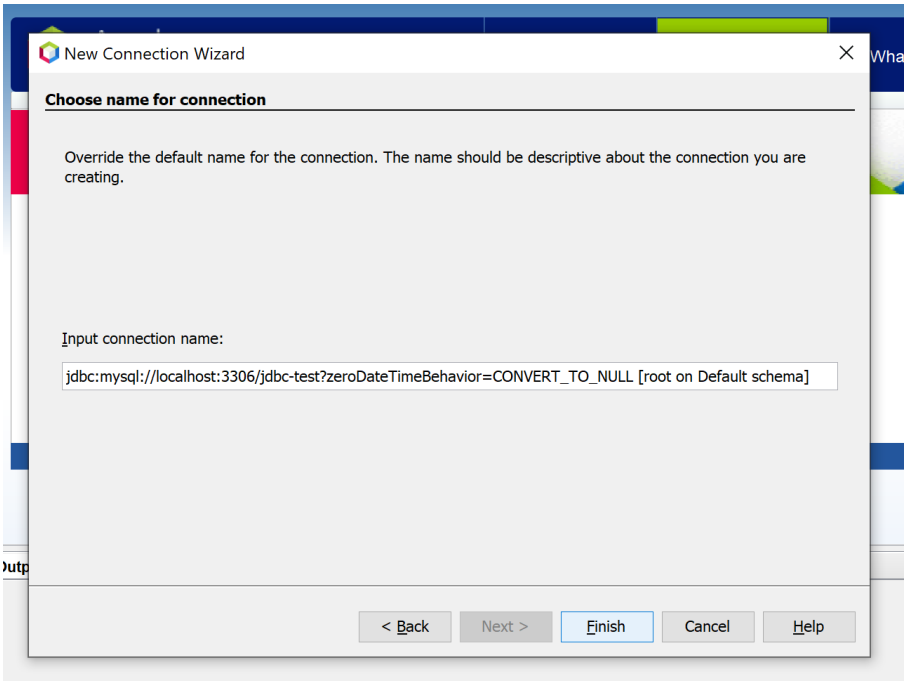
   After doing all these things, just click *Next*.



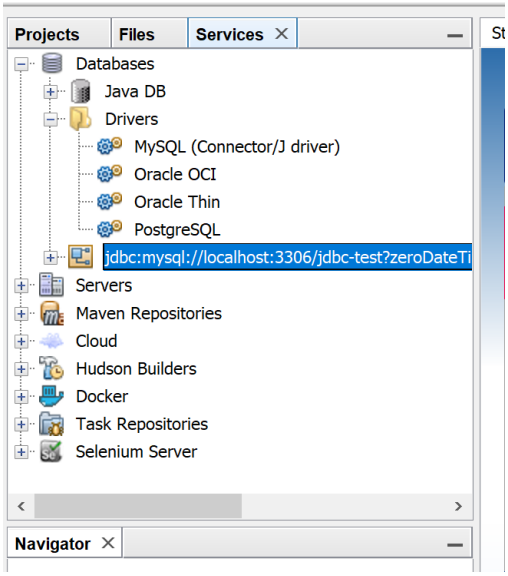
10. Just click *Next*.



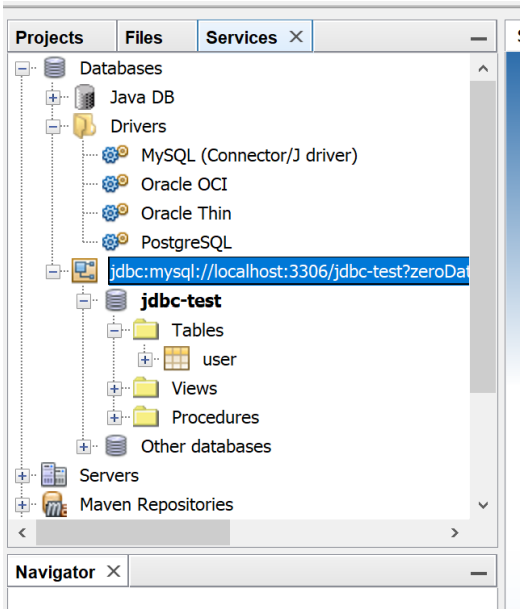
11. Click *Finish*.



12. After setting up the connection, the database will then be added to the *Databases* option under *Services*



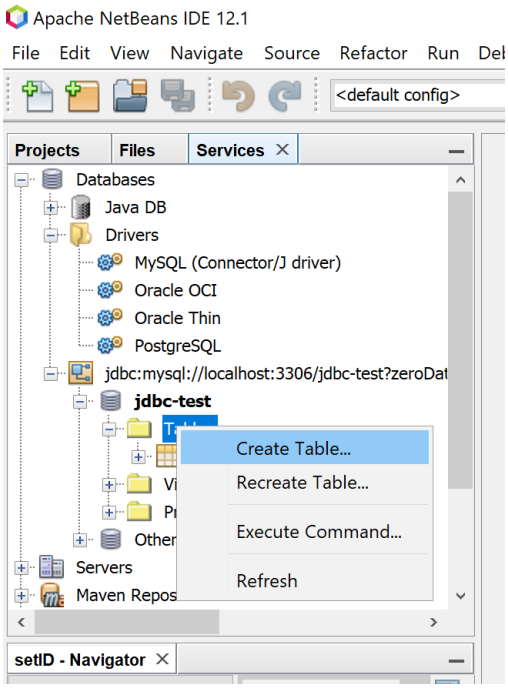
13. You can then expand it to view the tables.



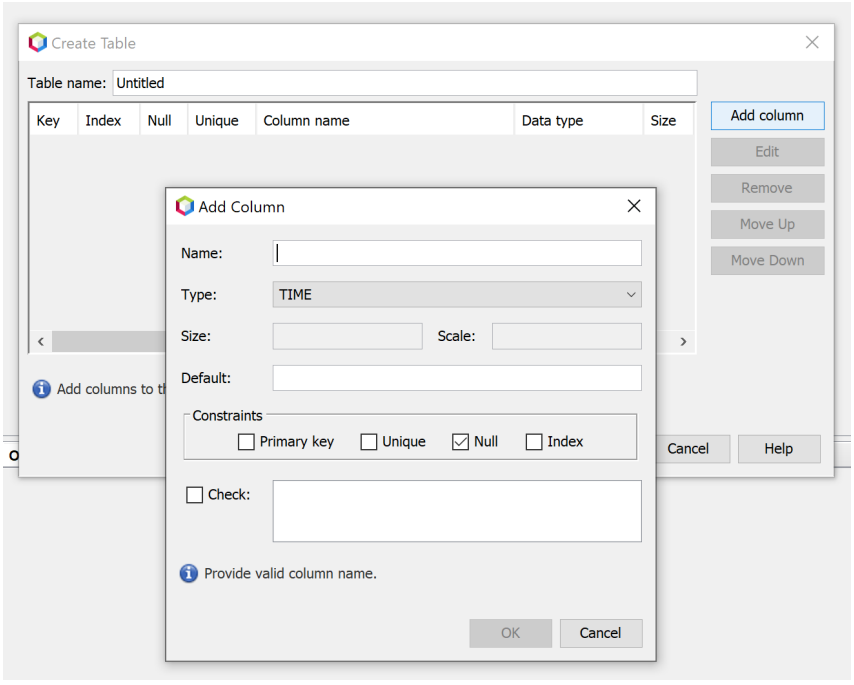
Database Manipulation

There are 2 ways to add a Table in your database.

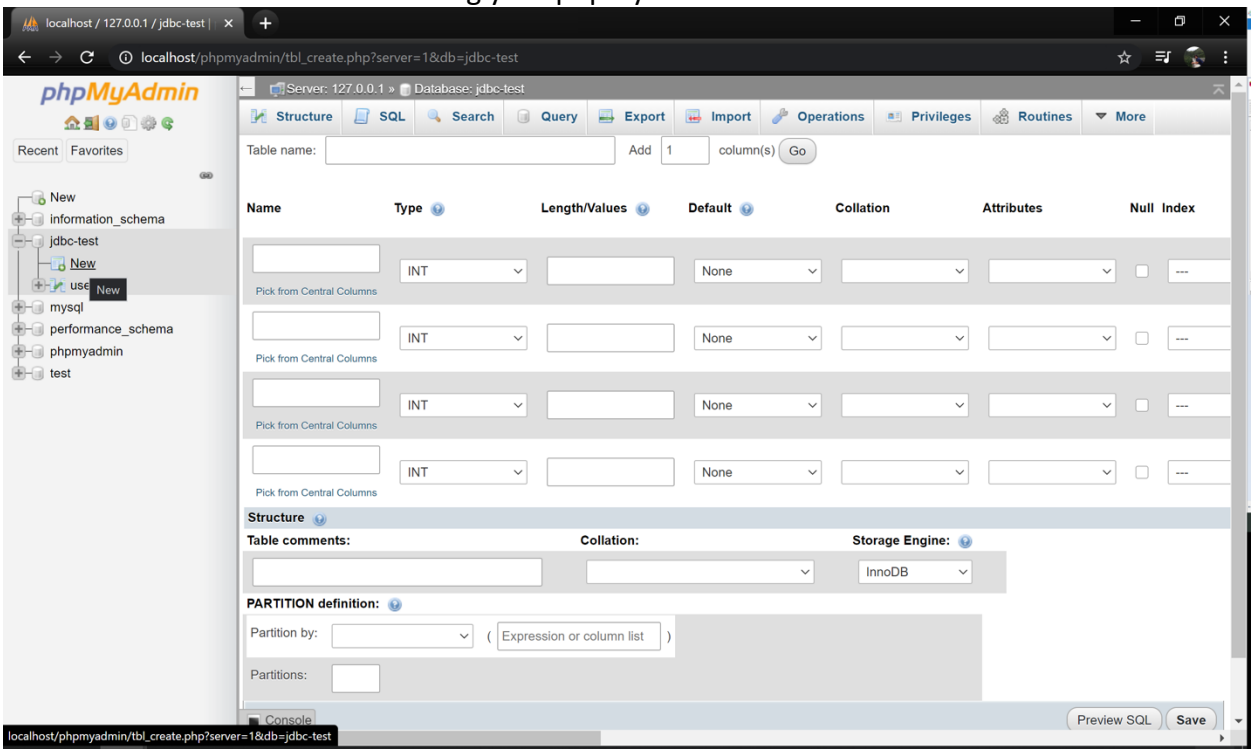
1. To add/create table in NetBeans, you can just right click on the *Tables* folder and select the *Create Table* option.



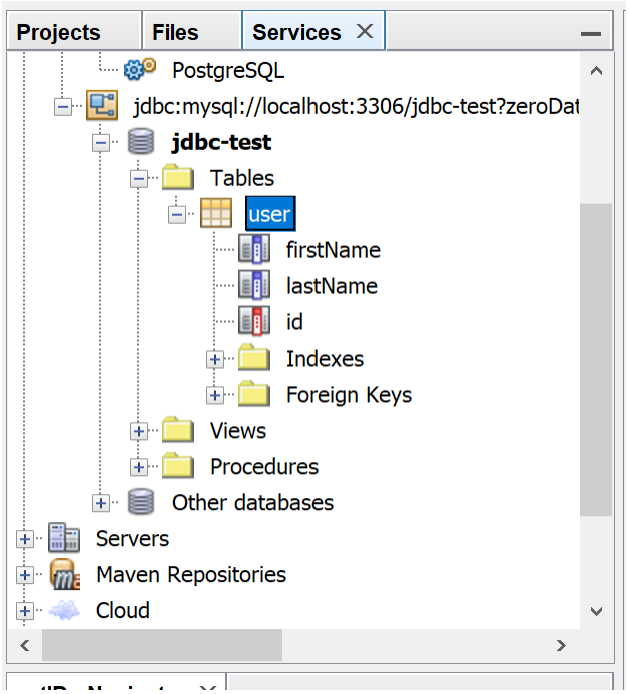
2. You will then be led to the *Create Table* window where you provide the table name, add a field/column and do more additional settings.



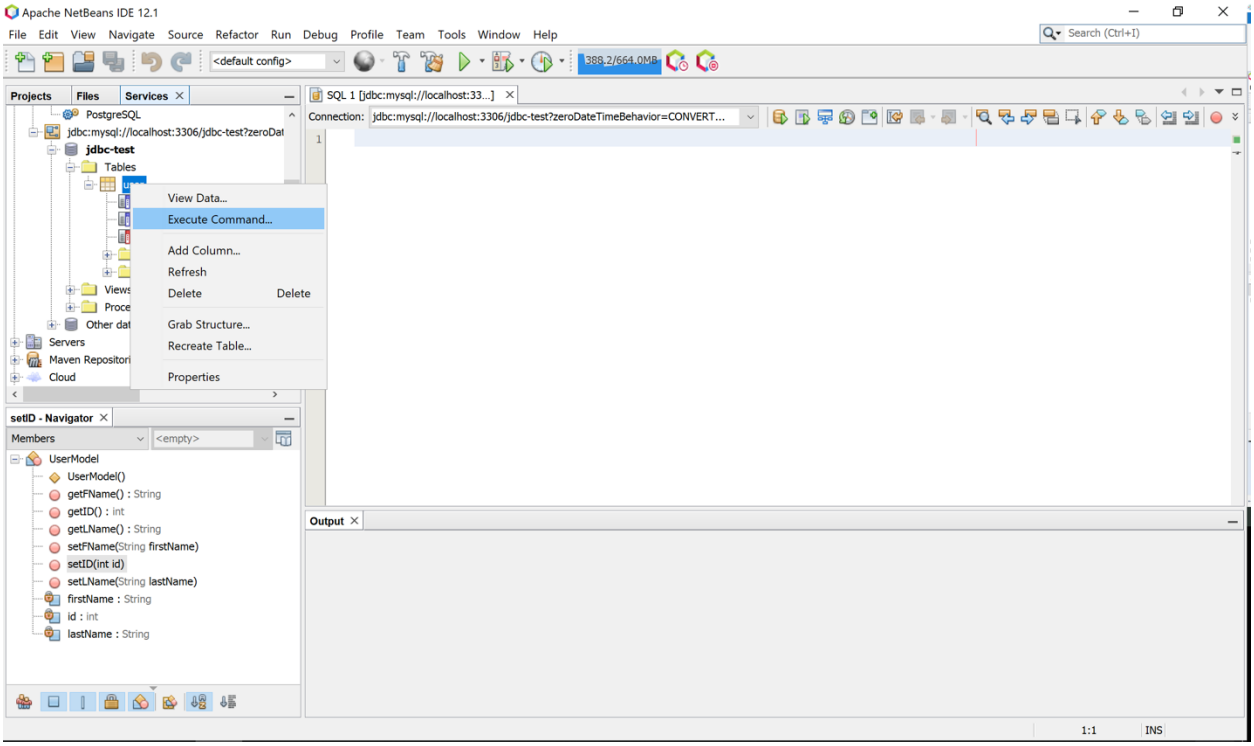
3. You can still add a table using your phpmyadmin.

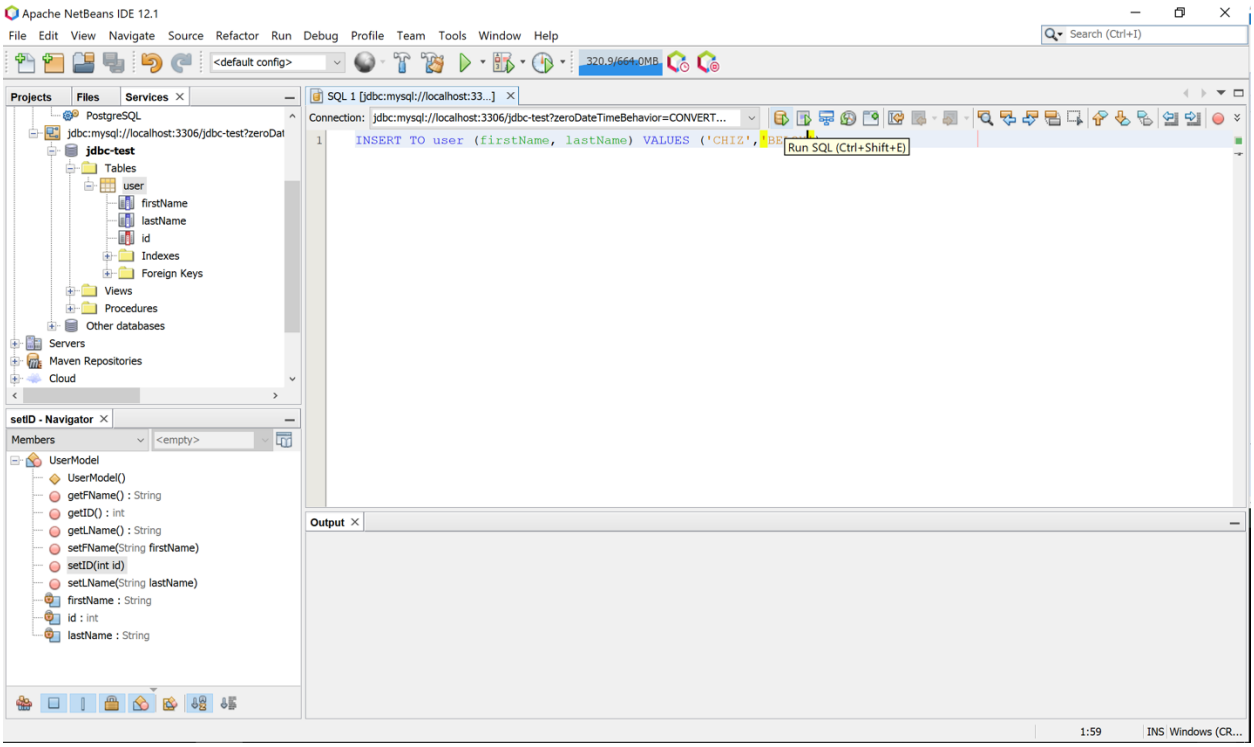


4. Once you successfully add a table, it will then show as an expandable option.



5. To manually insert an entry in your database, you can just right click on the specific table, select *Execute Command* option and type your SQL command in the space provided.





6. To view the data on a specific table, just right click the table and select *View Data*.