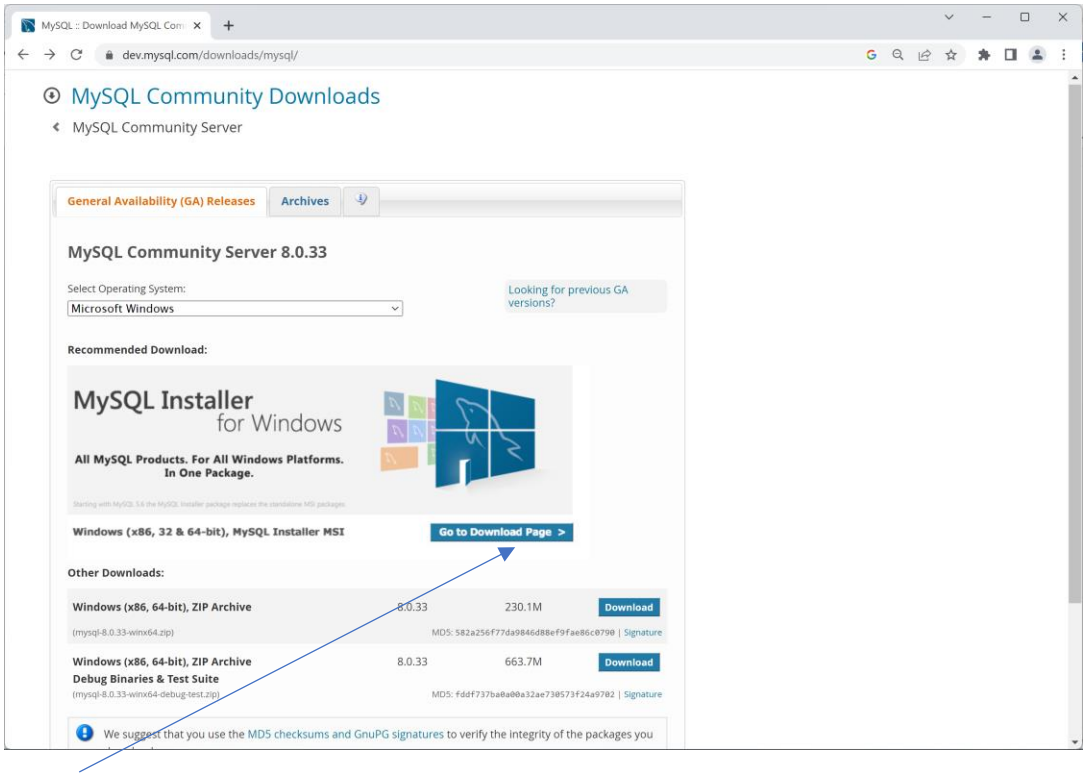
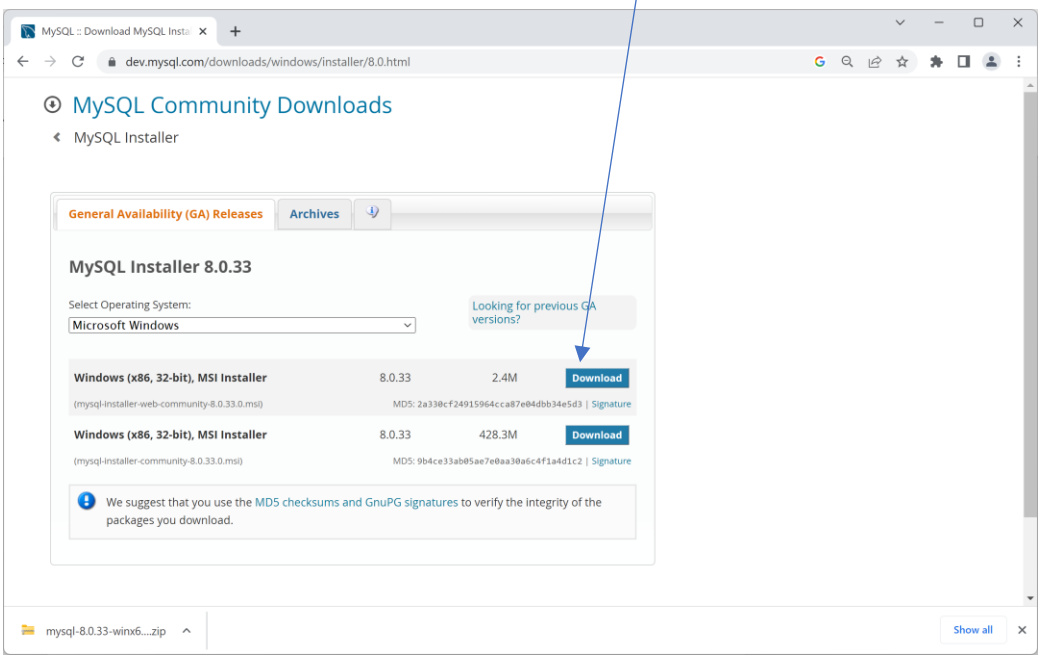
Installing MySQL Community Edition – Creating a Database in it

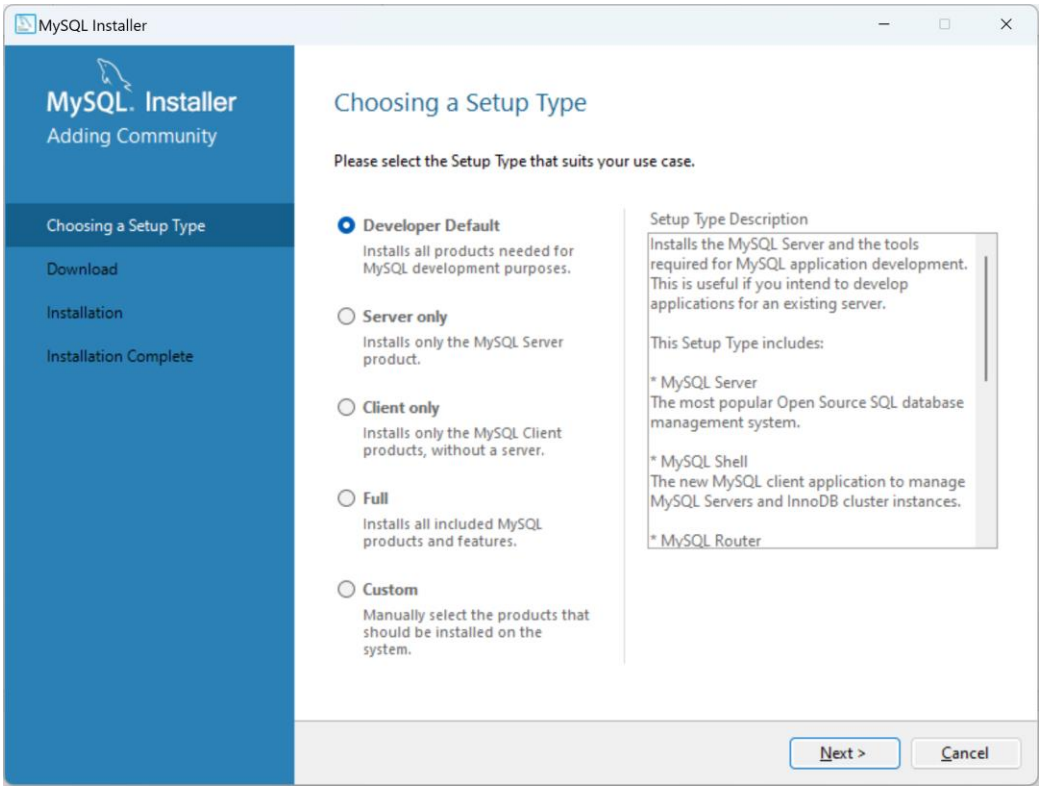
Search for “download MySQL Community” and download and install the latest version of MySql Community Server.

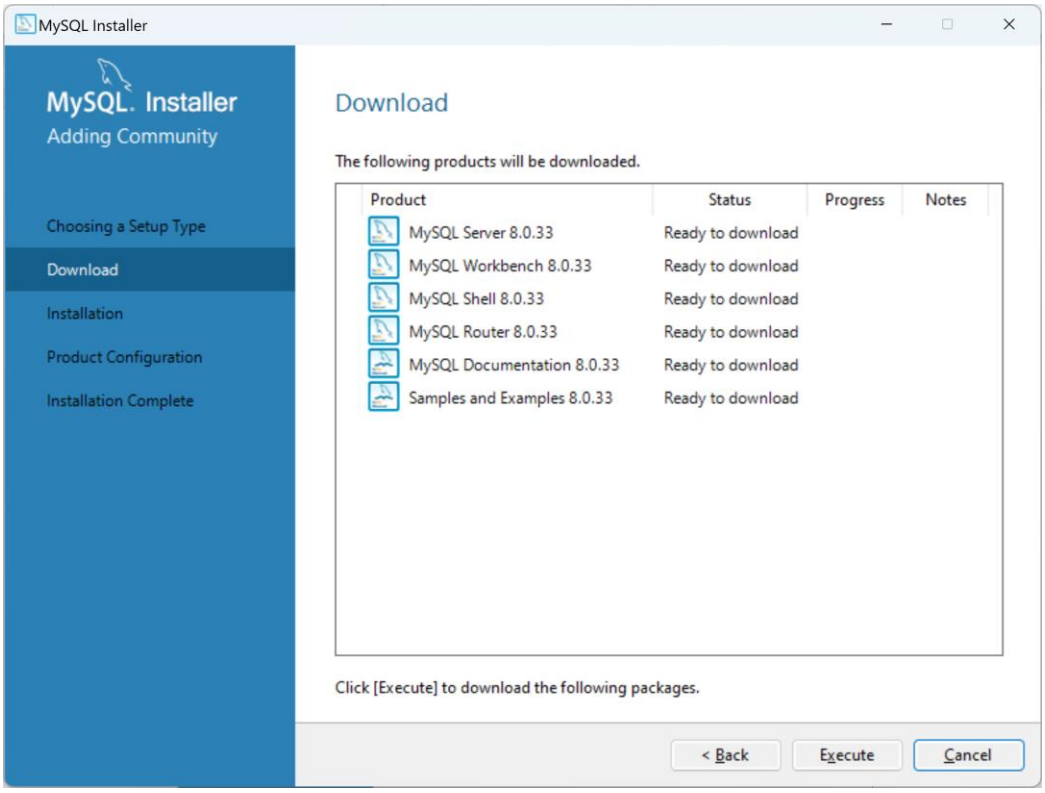


Click on Go to download page, then click on the download button.

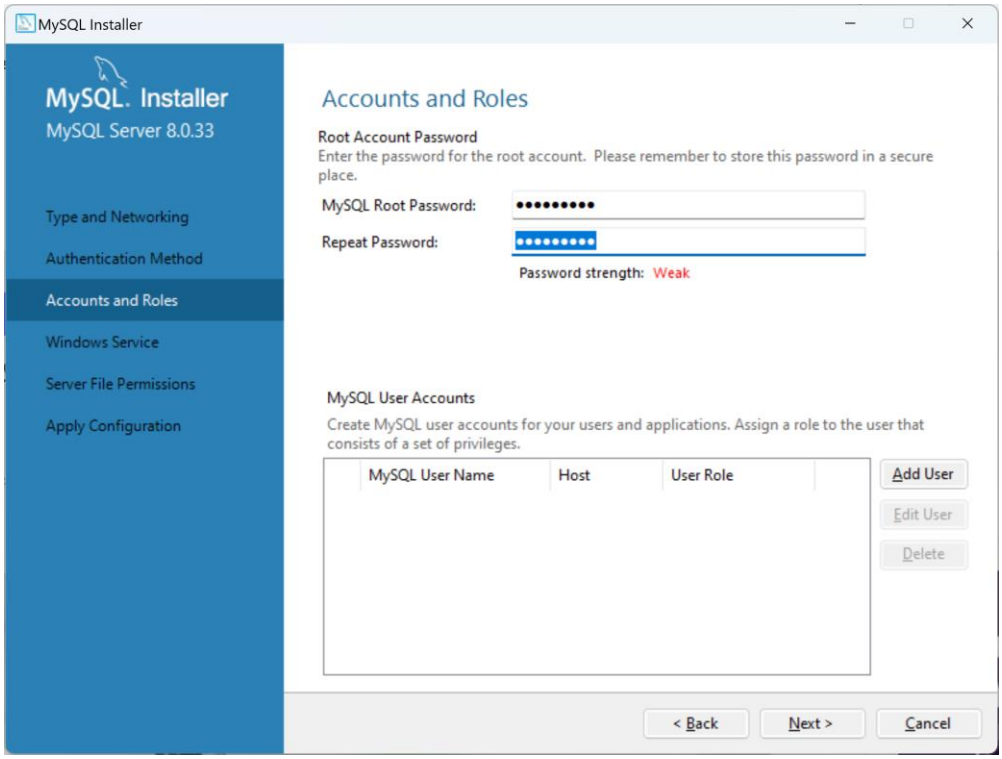


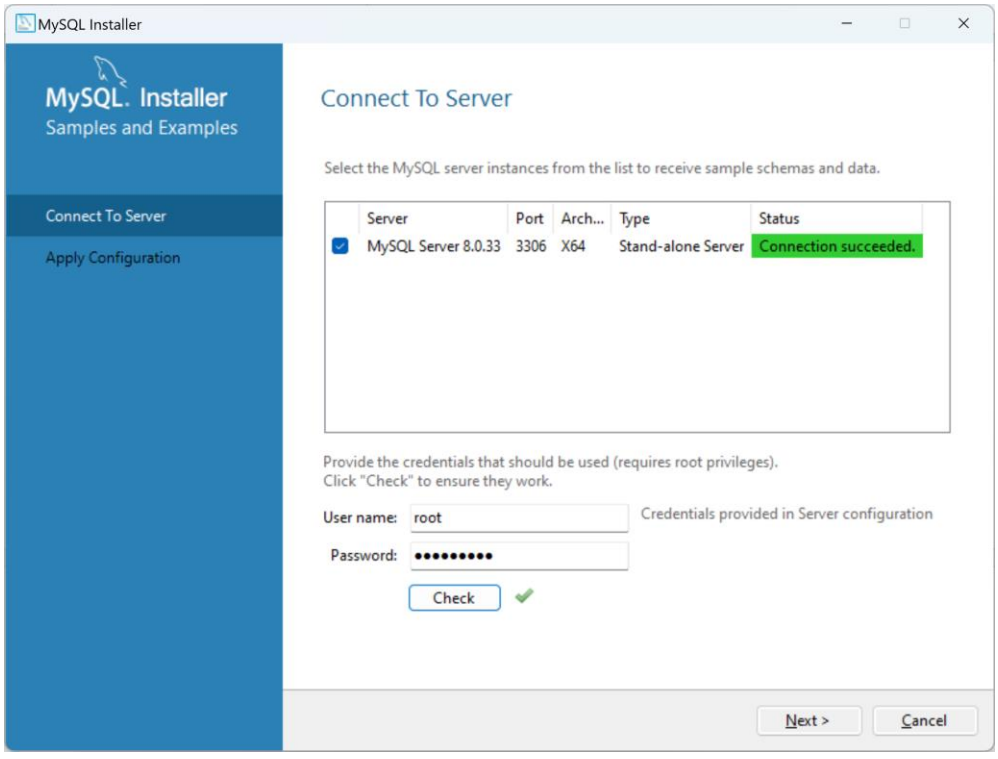
Skip the sign up in the next screen and choose, continue to download. Then launch the downloaded installer and follow the instructions.





In one of the steps, you will be asked to select a password for your database server. Make sure you remember the password you select.

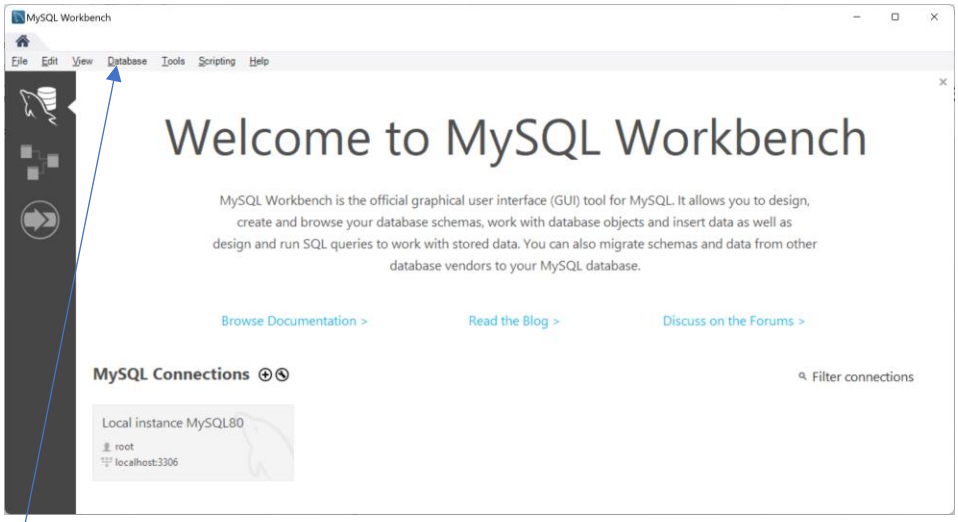




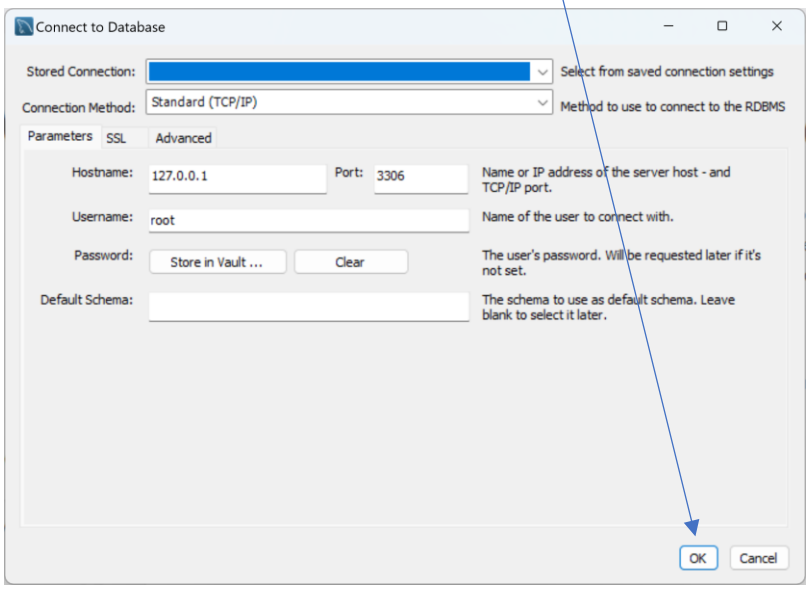
Once the MySql is installed, you can launch the MySql workbench to start creating databases.

Creating the MySql ProductsDB database:

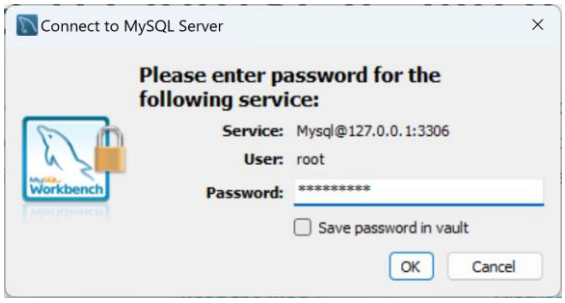
Launch MsSql workbench.



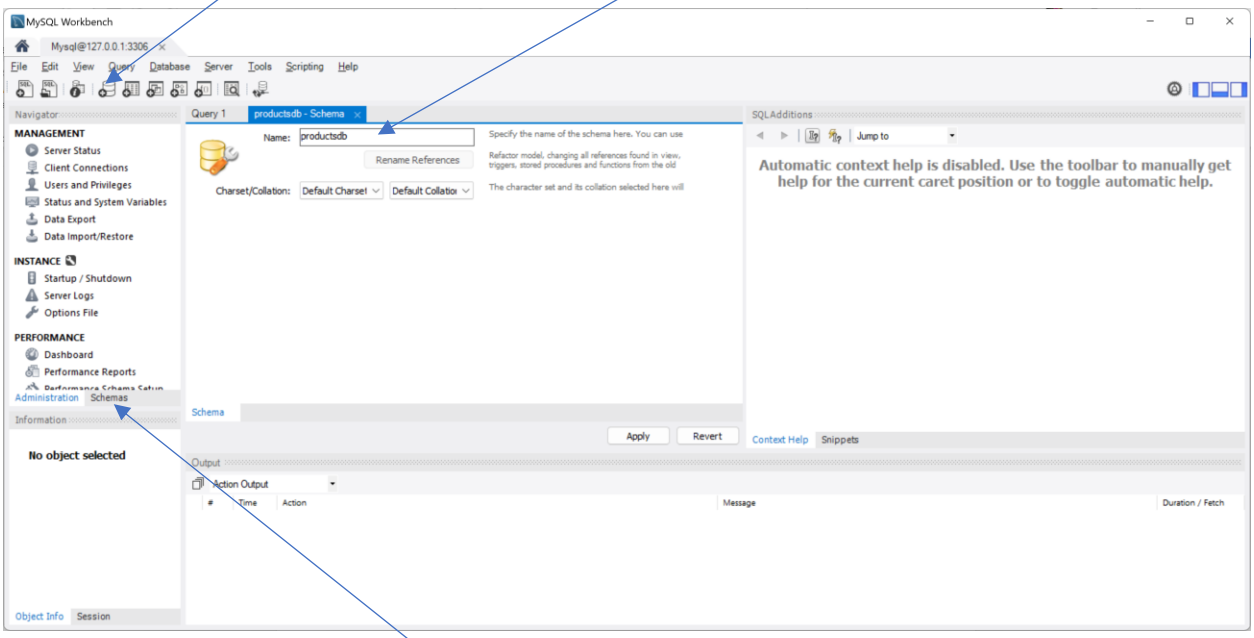
From the Database menu, choose connect to database, then click OK.



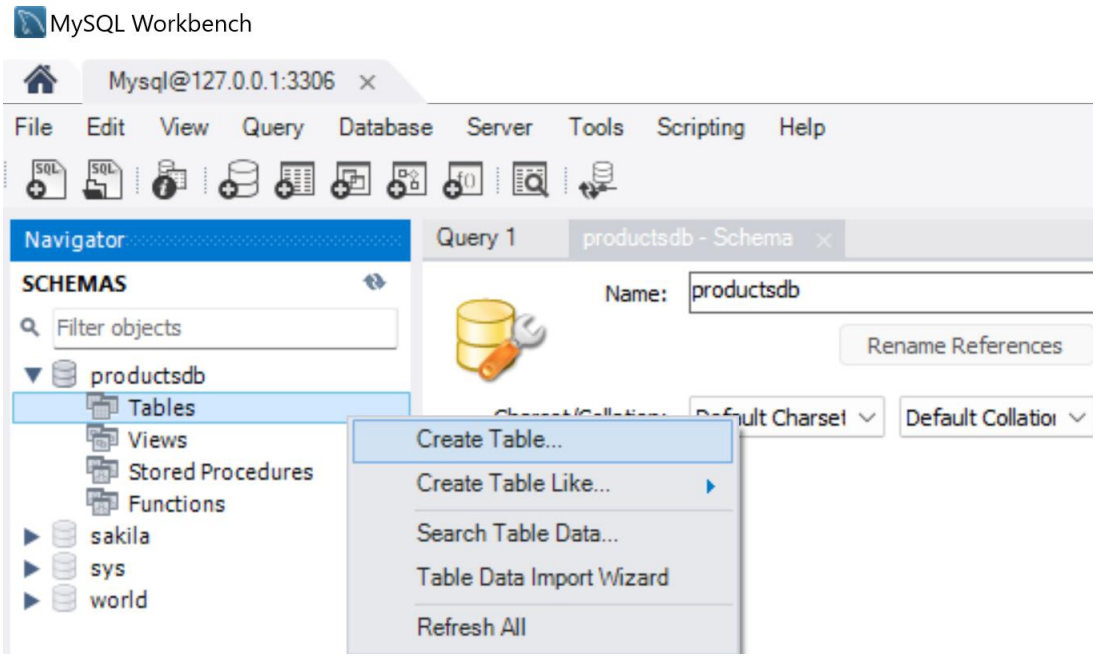
It will ask you to specify the password for root user (this is the password you had set up for MySql when you installed it).



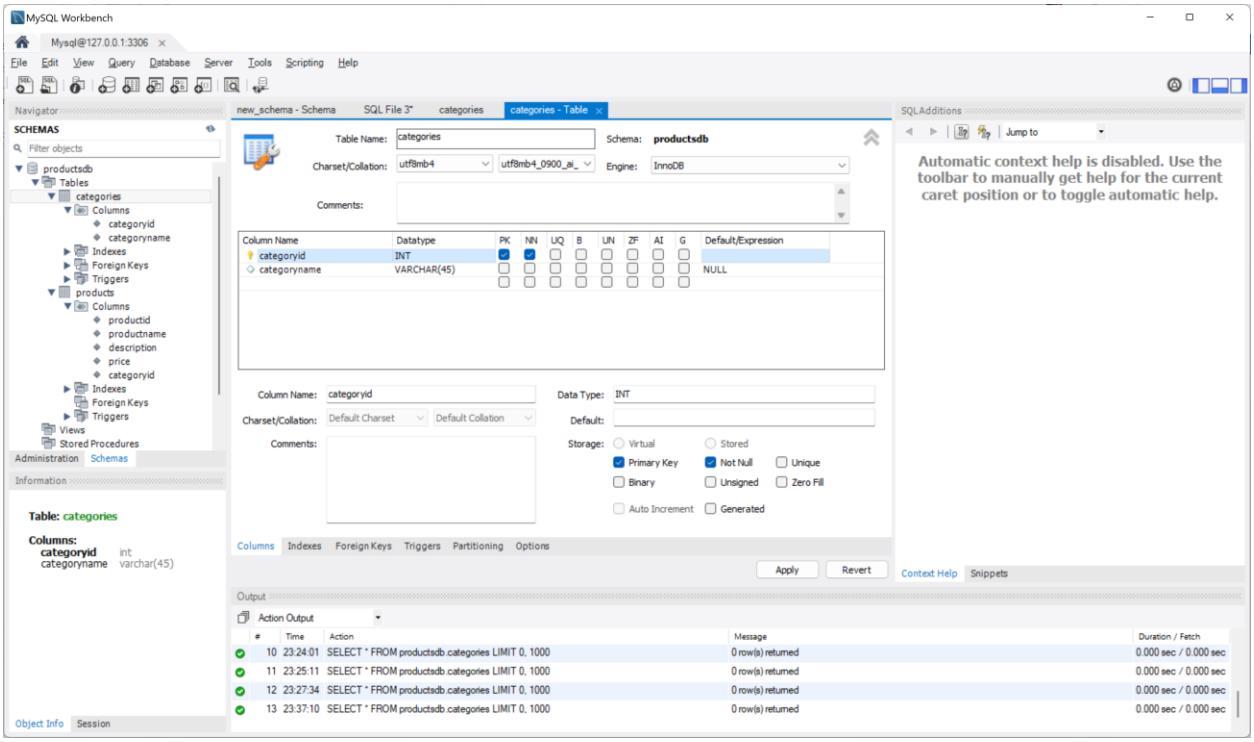
Click on the “Create a new schema”, then choose the name productsdb as shown below, and click Apply. It will further ask for confirmation of the creation of schema.



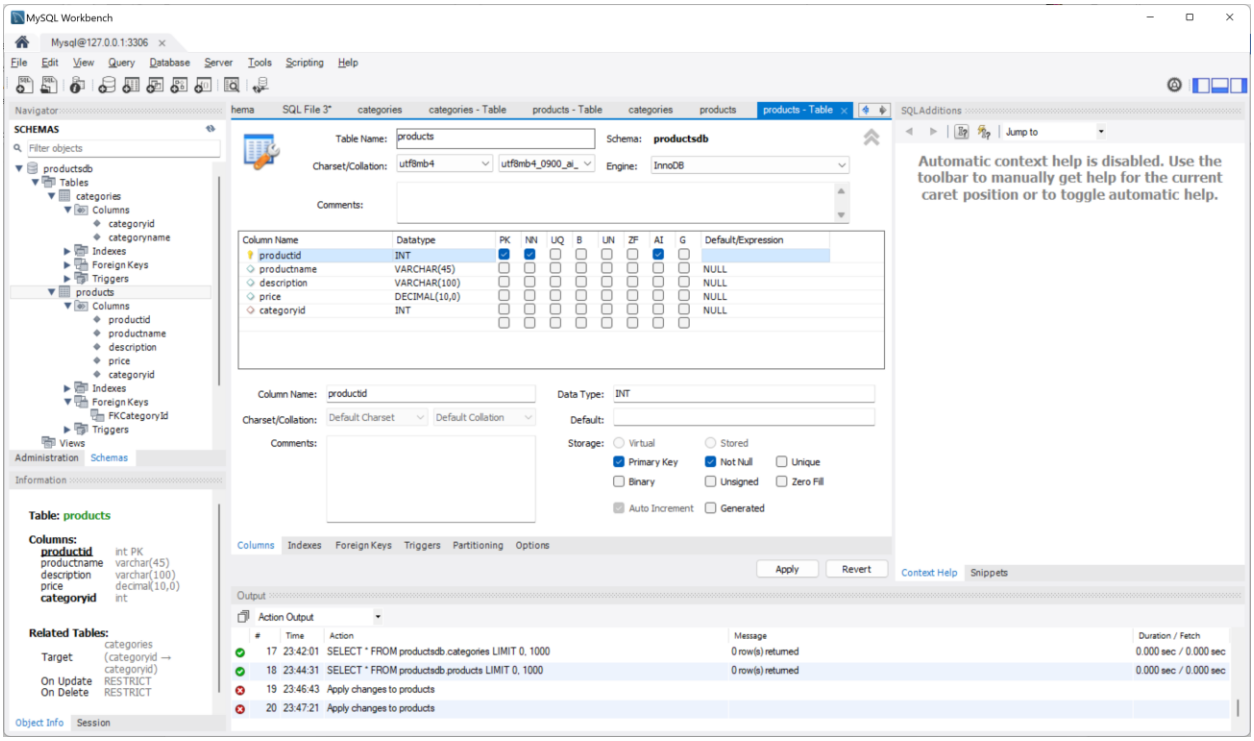
Once schema is created, switch to schemas tab to see the newly created database. Expand the productsdb. Then right click on Tables and choose Create Table as shown below.



Then specify the table name as categories and the column names as shown below.

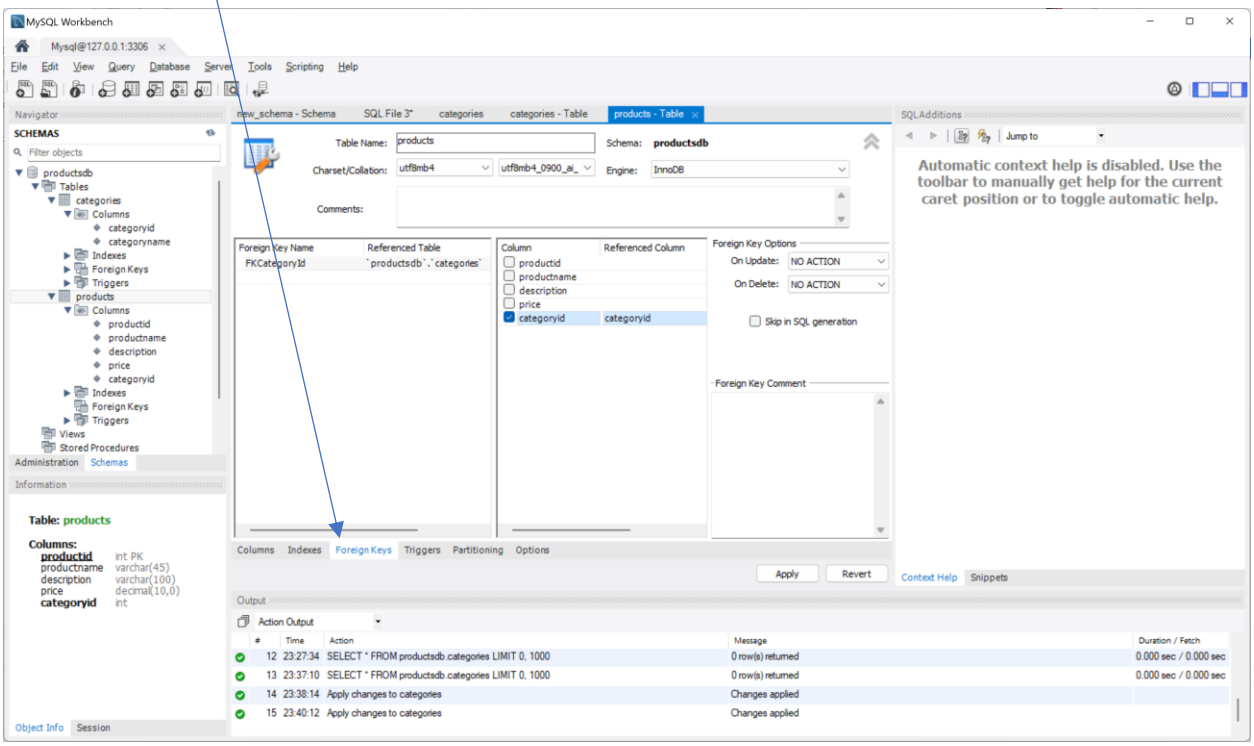


Once you click Apply, it will go through the steps to create the table. Similarly, create the products table as shown below.

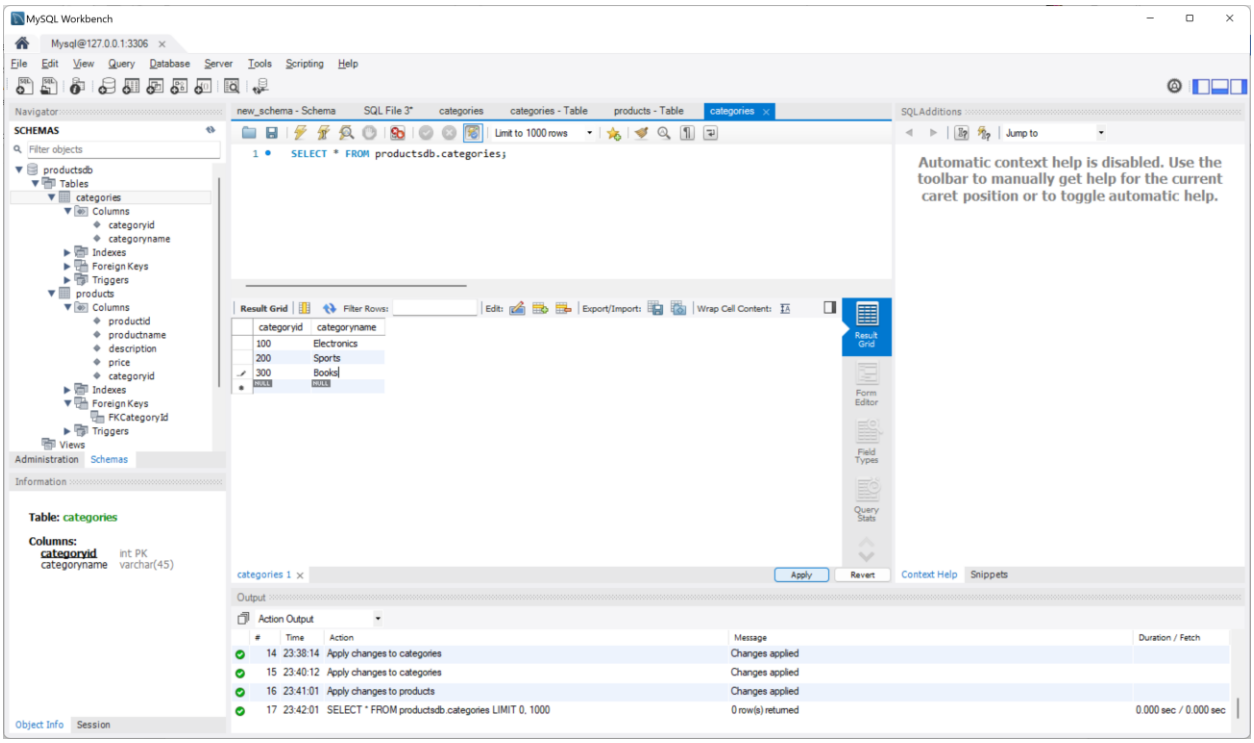


To add the primary-foreign key constraint for the categoryid in categories table to the categoryid in products table, right click on products table, and choose alter table.

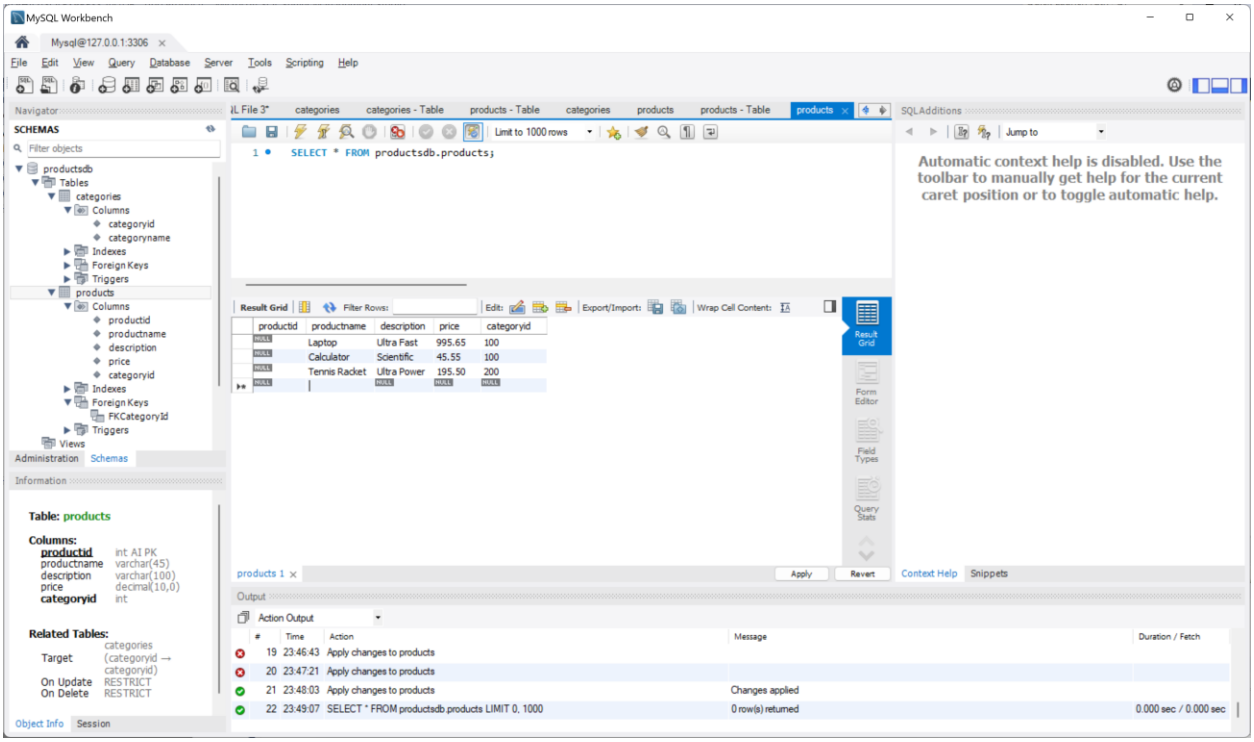
The from the Foreign key tab, type the following and click Apply.



Now, we can enter some data in the Categories and the Products table as. Right click on the Categories table and choose select rows. Then type the following data in it.



Similarly, right click on the Products table and choose select rows, then type the following data in it, and then click Apply.



Now our database productsdb is ready and we can create a web app or a desktop app to communicate with the database.