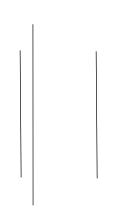
# NEPAL COLLEGE OF INFORMATION TECHNOLOGY BALKUMARI, LALITPUR



# A LAB REPORT ON WEB TECHNOLOGY



#### TITLE: Getting started with XAMPP

Submitted By: Submitted To:

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Basnet

Roll no.: 221608 Department of:

**BESE** 

Faculty: Science and Technology

Semester: Second Semester

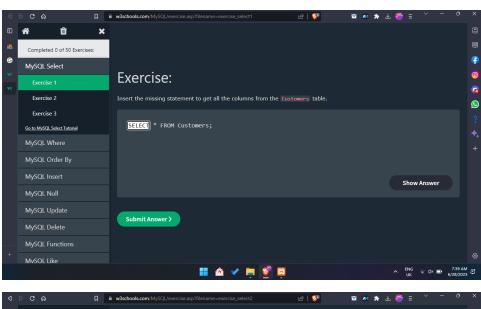
### **SQL SELECT**

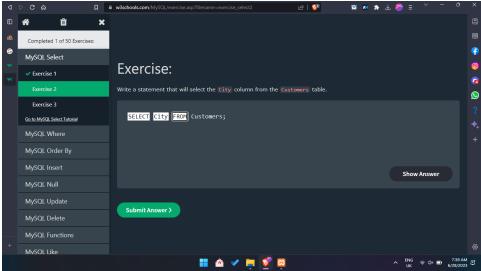
The SELECT statement is used to select data from a database.

#### **Syntax:**

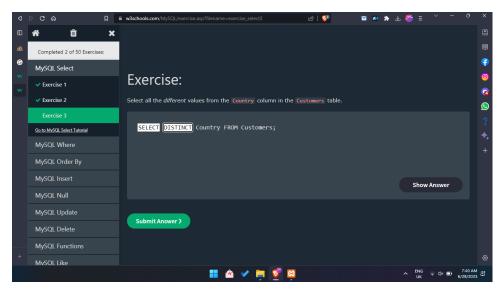
SELECT \* FROM table\_name; [\* selects all columns, user can specify specific column to be selected]

#### **Exercises related to SELECT:**

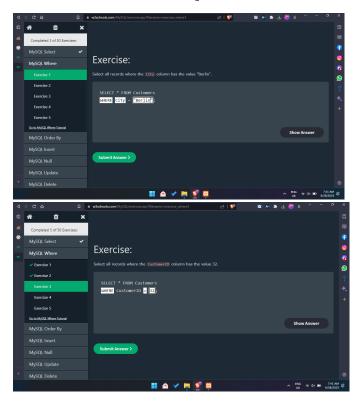




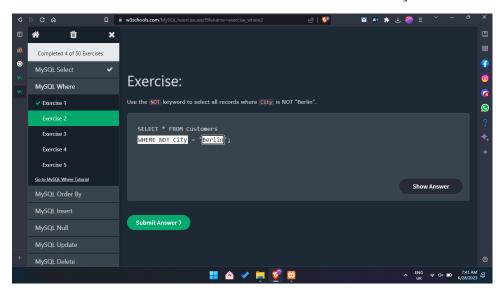
SELECT DISTINCT selects only the distinct values from the column (The first appearing value in case of multiple copies of same value)



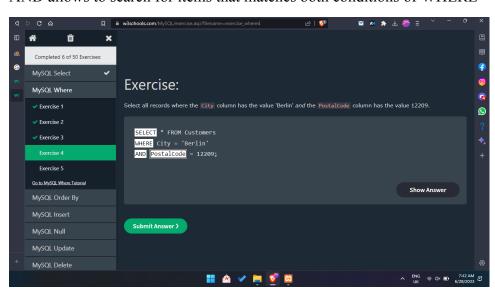
WHERE ColumnName = "Term" [This searches for all the elements with name "Term" in the column ColumnName]



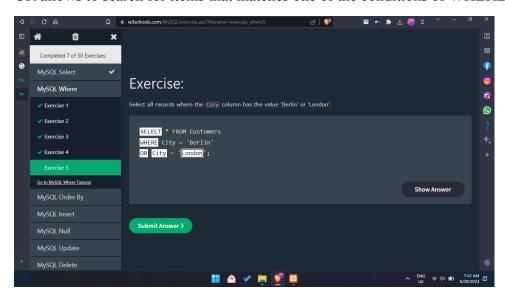
WHERE NOT ColumnName = "Term" [This searches for all the elements which doesn't match the name "Term" in the column ColumnName]



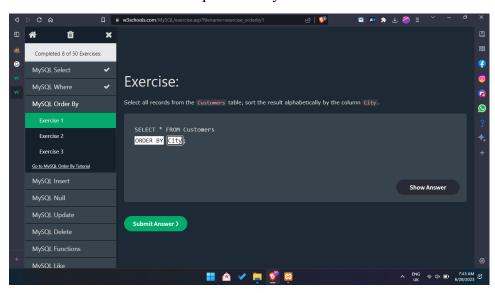
AND allows to search for items that matches both conditions of WHERE



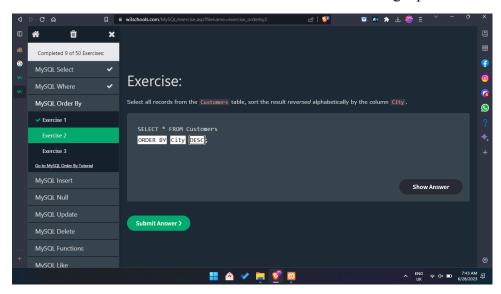
OR allows to search for items that matches one of the conditions of WHERE



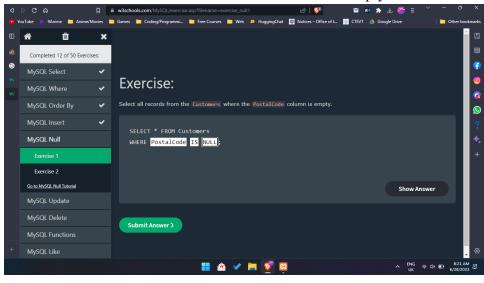
#### ORDER BY sorts the result alphabetically



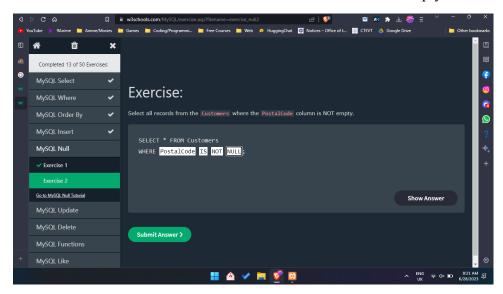
ORDER BY \* DESC allows to sort the results in descending alphabetical order.



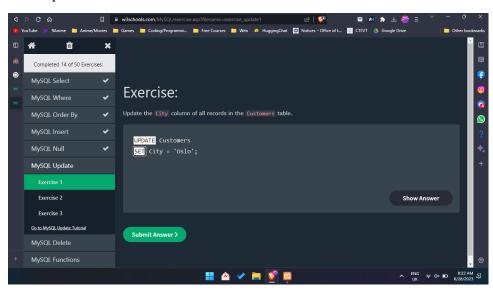
IS NULL Selects all the records where the column is empty.



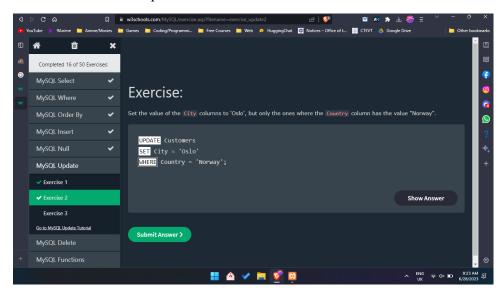
IS NOT NULL Selects all the elements where column is not empty.



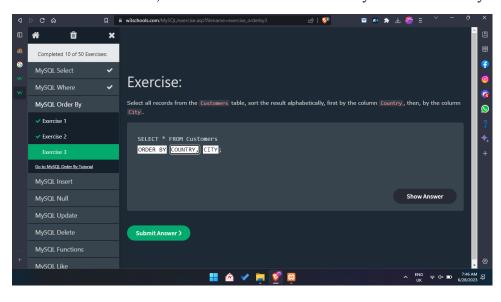
SET Updates the column of all records in the table



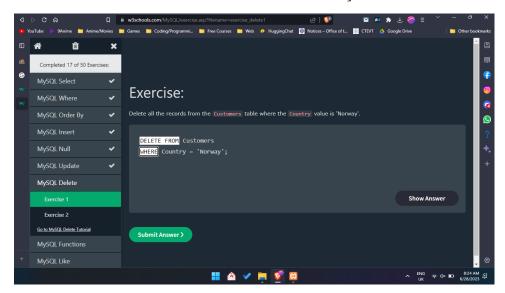
SET ... WHERE to update the column of all where the condition matches.



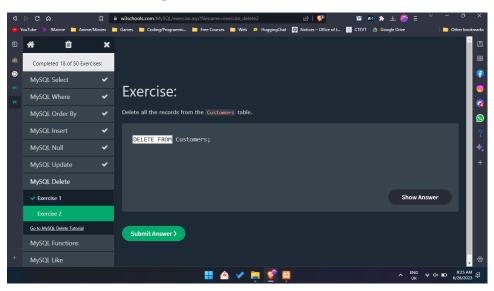
ORDER BY Column1, Column 2 sorts the table first by Column1 then by Column2.



DELETE FROM Table1 WHERE ColumnName = "Condition" [Deletes records from the table where the column name condition mathces]

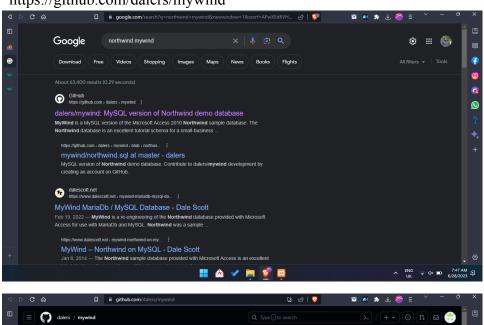


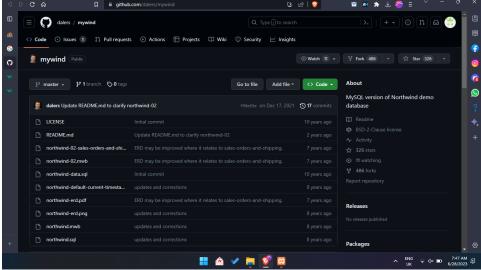
DELETE FROM Table [Deletes all the records from the table but not the table itself]



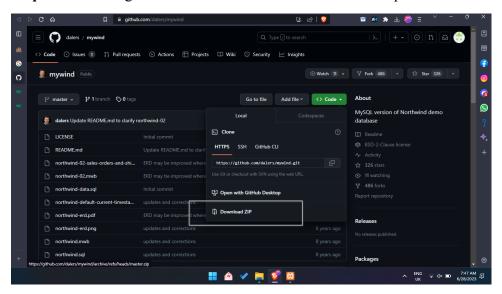
#### ADDING NORTHWIND DATASET

**Step 1:** Search for "northwind mywind" in your preferred search engine or go to "https://github.com/dalers/mywind"

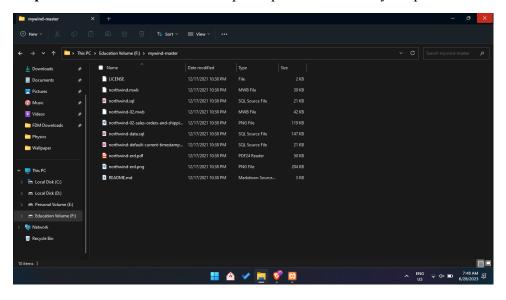




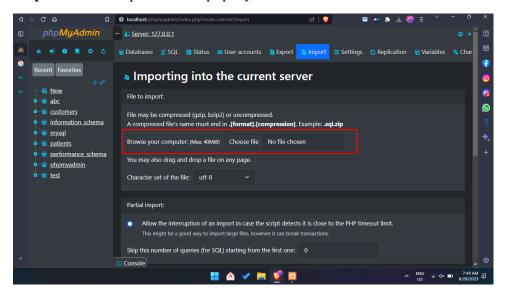
Step 2: Click the green "Code" button and Download the zip.



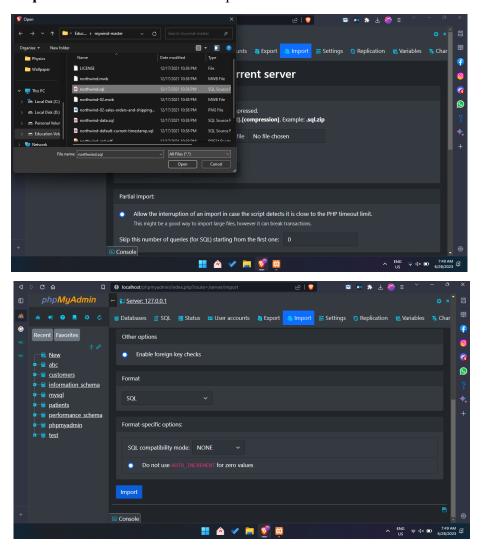
**Step 3:** Extract the downloaded zip and place the files in your preferred location.



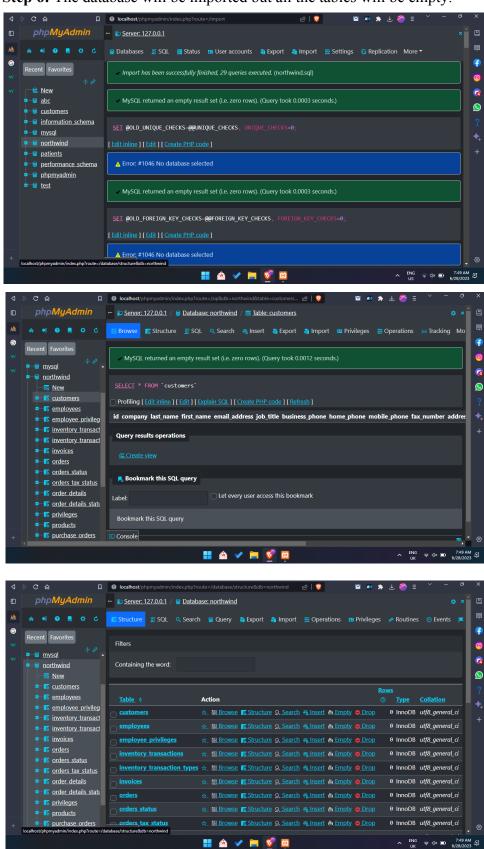
**Step 4:** Go to "Import" tab in phpMyAdmin and click on Choose File.



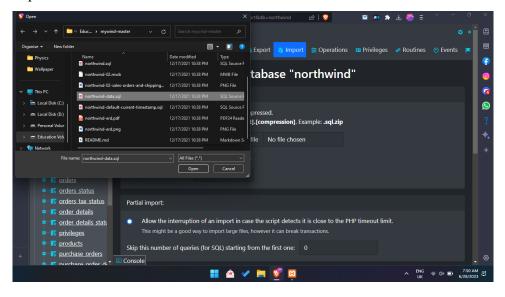
**Step 5:** Choose the "northwind.sql" file from the extracted files and click on "import".

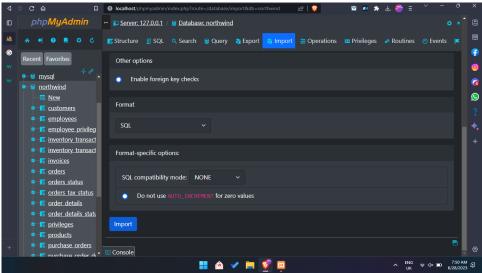


**Step 6:** The database will be imported but all the tables will be empty.



**Step 7:** Inside the database, go to import tab and choose the file "northwind-data.sql" to import the dataset into the tables.





## Step 8: All the data will be imported and you can now start using the northwind daaset!

