* SQL INSTALLATION:

1)Go To 🡺 <https://www.mysql.com/>

2)click on downloads option

3)Go down after clicking download option🡺

then click on “[MySQL Community (GPL) Downloads »](https://dev.mysql.com/downloads/)”

4)Now click on 🡺[MySQL Installer for Windows](https://dev.mysql.com/downloads/windows/)

**5)Click on Download button according to your windows.**

**6)then click on 🡺** [**No thanks, just start my download.**](https://dev.mysql.com/get/Downloads/MySQLInstaller/mysql-installer-web-community-8.0.37.0.msi)

**7)open the downloaded file 🡺**

**i) choosing a setup file 🡺 full 🡺 click next**

**ii)Accounts and Roles 🡺**

**MYSQL Root Password:Yash@123**

**Repeat Password :Yash@123**

**iii)Connect to server 🡺 Password : Yash@123**

**iv)Installation complete 🡺uncheck the option 🡺**

**🡺”Start MYSQL shell after startup”.**

8)Now MYSQL workbench is open 🡺 click on (+) symbol

Which is infront of MYSQL Connections.

9)Setup new connection 🡺 Connection Name: Yash

Password :click on store in valut: Enter password:**Yash@123**

10)Test the connection 🡺 click on OK.

* PRIMARY KEY🡺 **unique,not null,only one in a single table.**
* FOREIGN KEY🡺 **duplicate, null, multiple in single table & there can be primary key used in table.**
* **CONSTRAINTS🡺set of rules for data in table.**

**1)NOT NULL**

**2)UNIQUE**

**3)PRIMARY KEY**

**4)FOREIGN KEY**

**5)DEFAULT: sets the default value of a column**

**6)CHECK: It can limit the values allowed in a column.**

**DROP VS TRUNCATE**

**1)DROP: Deletes the whole table.**

**2)TRUNCATE: Deletes the table data.**

* **Full join: left join union right join**

**UNION VS UNION ALL**

**1)UNION: gives all without duplicates.**

**2) UNION ALL: It allows duplicates also.**