**SQL\_SESSION 1**

* Database : A collection of data which holds the data in the form of the tables.
* Table : Holds the data in the form of rows and columns. It is similar to excel spreadsheets.
* The database provides us the capability to access and manipulate this data.
* Two Types of databases :
* Relational database : Stores the data in the form of rows and columns and also the tables have relation between them. Example : MYSQL, SQL Server, PostreSQL, MariaDB, SQLite, etc.
* NOSQL database : Key value, Document, Graph. Example : HBase, MongoDB, Cassandra, etc.
* SQL – Structured Query Language and is used to query a relational database.
* MYSQL vs SQL – MYSQL is a relational database which holds the data and SQL is a way to interact with the database.
* GoormIDE for practice.
* mysql-ctl cli;
* SHOW DATABASES; - to look all the databases.
* CREATE DATABASE Udita; - create a new database.
* DROP DATABASE Udita; - drop a database.
* SELECT DATABASE(); - To know in which database you are.
* USE DATABASE; - To change the database.
* SHOW TABLES; - To show the tables inside the database.
* DESCRIBE(DESC) table\_name ; - To show the structures of the table.
* DROP TABLE table\_name ; - To drop the table.