**What is table?**

**-**A table is a database object that is composed of rows and columns and contains related information.

-table is created by using ‘CREATE TABLE’ command.

**What is field?**

**-**A field is a column in a table that is supposed to provide specific information about all the records in the table.

**What is record?**

**-**A record is a row in a table.

-It is also known as ‘horizontal entity of a table’.

**What is a column?**

**-**A column is a vertical entity in a table that contains information associated with a specific field.

**What is Null Value?**

**-**Null value is no Value.

-It is not a space or zero, it is nothing.

-While inserting a data in a table, if you do not provide value for a cell, the cell is said to contain null value.

-***TO CREATE DATABASE***

*Syntax:* **CREATE DATABASE DATABASE\_NAME;**

**Eg: CREATE DATABASE sample;**

***-TO USE DATABASE***

*Syntax:* **USE DATABASE\_NAME;**

**Eg: USE sample;**

**-TO DELETE DATABASE**

*Syntax:* **DROP DATABASE DATABASE\_NAME;**

**Eg: DROP DATABASE sample;**

**What is data type?**

-A datatype is a property that specifies the type of data you can put in your table.

-Each field has a data type and all values in the filed have the same data type.

**CONSTRAINTS:**

**NOT NULL CONSTRAINTS –** If you want to make sure that every field gets some value for every row in the table, apply the not null constraints to it.

**DEFAULT-** While populating a table, you miss giving a column some value, the default value will be used.

**UNIQUE-** Unique constraints make sure that all values entered for the field on which the constraints are applied are different.

**PRIMARY KEY-** Some value would have to be provided in each row and all the values entered must be different.

**RELATION** – A set of columns of related data.

**COMPOSITE KEY** – A composite key is a combination of fields that uniquely identify a record.