DATABASE:

* DBMS : DATA BASE MANAGEMENT SYSTEM.
* DATA + MANAGEMENT SYATEM
* DATABASE IS A COLLECTION OF INTER -RELATED DATA & MANAGEMTS SYSTEM IS A SET OF PROGRAMS TO STORE AND RETRIVE DATA AND SET OF PROGRAM TO STORE & ACCESS THOSE DATA IN AN EASY AND EFFECTIVE MANNER.

Sql STATEMENT TYPES

DDL-DATA DEFINATION LANGUAGE(CREATE ,ALTER,DROP)

DQL-DATA QUERY LANGUAGE –(COMMAND,SELECT)

DML-DATA MANIPULATION LANGUAGES(INSERT,UPADTE,DELETE)

CREATE DATABASE:

* ***CREATE DATBASE*** *DATABASE\_NAME;*

Example:

* CREATE DATABASE happiness;

PRIMARY KEY

-UNIQUELY CONSTRAINT PARTICULAR DATA (NOT NULL)

1-ONLY ONE IN PARTICULAR TABLE

2- ANY COLUMN IS UNIQUE THAN WE WRITE UNIQUE KEY BUT NOT PRIMARY KEY(BECAUSE ON TABLE CONTAIN ONLY ONE PRIMARY COLUMN)

CREATE TABLE :

* ***CREATE TABLE*** *table\_name* ***(***

*column1 datatype constraints,*

*column2 datatype constraints,*

*column3 datatype constraints,*

*...****);***

***EXAMPLE:***

* *CREATE TABLE helloworld(*

*ID INT PRIMARY KEY AUTO\_INCREAMENT NOT NULL,*

*NAME VARCHAR(20),*

*MOBILE BIGINT UNIQUE KEY,*

*EMAIL VARCHAR(20) UNIQUE KEY );*

INSERT DATA IN TABLE (INSERT INTO):

* ***INSERT INTO*** *table\_name (column1, column2, column3, ...)*

***VALUES*** *(value1, value2, value3, ...);*

Example :

* INSERT INTO helloworld (ID,NAME,MOBILE\_NO,EMAIL) VALUES(1,”NARUTO UZUMAKI”, 4578246855,” minato@gmail.com”);

Multiple Data :

* INSERT INTO helloworld (ID,NAME,MOBILE\_NO,EMAIL)

VALUES(2,” ITACHI UCHIHA”, 4578695421, ”[sasuke@gmail.com](mailto:sasuke@gmail.com)”),

(3,“ SHIKAMARU NARA”, 7853214569, ”shikaku@gmail.com”);

ALTER :

* ADD a new column to an existing table.
* ***ALTER TABLE*** *table\_name* ***ADD*** *column\_name datatype;*

**Example :**

* ALTER TABLE helloworld ADD city VARCHAR(30);

UPDATE :

* Modify existing records in a table.
* ***UPDATE*** *table\_name* ***SET*** *column1 = value1, column2 = value2, ...* ***WHERE*** *condition;*

Example :

[UPDATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/update.html) helloworld [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/set.html) city = "KONOHA" WHERE ID = 1;