

## **--Getting familiar with database and table--**

### **1) Create new database**

--> *create database database\_name;*

e.g.: create database mydb;

### **2) Delete database**

--> *drop database database\_name;*

e.g.: drop database mydb;

### **3) Delete database by checking if it exists or not.**

--> *drop database if exists database\_name;*

e.g.: drop database if exists mydb;

### **4) Rename database**

--> *alter database database\_name rename to new\_database\_name;*

e.g.: alter database mydb rename to mydbase

### **5) Get inside database**

--> *\c database\_name*

e.g.: \c mydbase

### **6) Create simple table**

--> *create table table\_name (col1\_name datatype, col2\_name datatype, col3\_name datatype);*

e.g.: create table users (name varchar(40), age int, address varchar(50));

### 7) list tables

--> *\dt*

### 8) Insert data into table

--> *insert into table\_name values (val1, val2, val3);*

e.g.: insert into users values ('Ramesh Sharma', 27, 'kathmandu');

### 9) Insert data into specific column

--> *insert into table\_name (col1, col2) values (val1, val2);*

e.g.: insert into users (name, age) values ('Kamal Aryal', 31);

### 10) List records from table

--> *select \* from table\_name;*

e.g.: select \* from users;

### 11) List specific records from table

--> *select col1, col2 from table\_name;*

e.g.: select name, age from users;

### 12) Empty out the table

--> *truncate table table\_name;*

e.g.: truncate table users;

### 13) Delete table

--> *drop table table\_name;*

e.g.: `drop table users;`