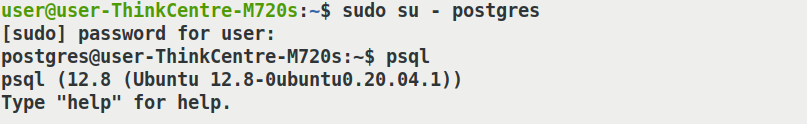
Run the following commands to install PostgreSQL version 12.8. server on Ubuntu 20.04:

*sudo apt update  
sudo apt install postgresql postgresql-contrib*

To log in to the PostgreSQL server as the postgres user, first switch to the user and then access the PostgreSQL prompt using the psql utility:

*sudo su - postgres*

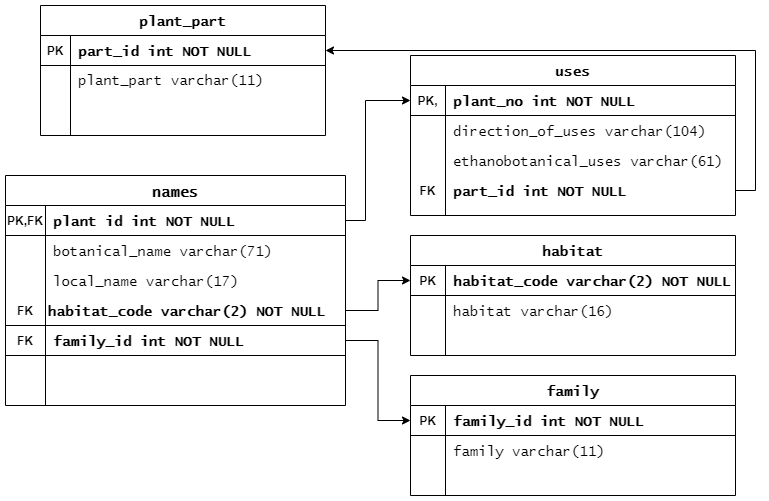
*psql*



This database is created to record the data of medicinal plants used by tribals in Nilgiri district and parts of Western Ghats. The database is named as “nilgiri\_med\_plants”.

This database consist of 5 tables:

1. Names
2. Family
3. Habitat
4. Plant\_parts
5. Uses

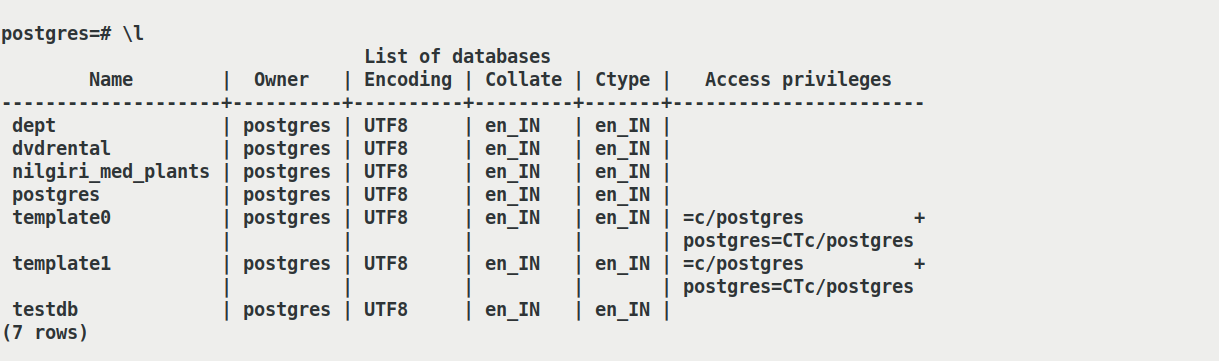


To create database

postgres=# CREATE DATABASE nilgiri\_med\_plants;

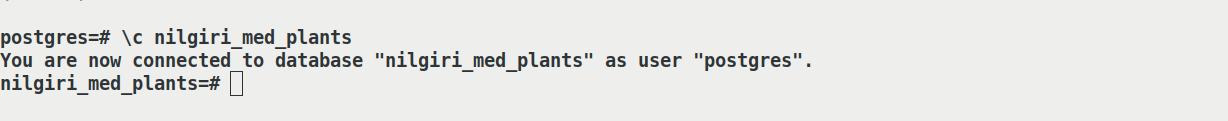
to list databases

postgres=#\l



to connect to database

postgres=#\c nilgiri\_med\_plants



Create table

CREATE TABLE IF NOT EXISTS "family" ("family\_id" NUMERIC(4, 1),"family" TEXT, Primary key(family\_id));

CREATE TABLE IF NOT EXISTS "habitat" ("habit\_code" TEXT,"habitat" TEXT, primary key(habit\_code));

CREATE TABLE IF NOT EXISTS "names" ("plant\_id" NUMERIC(3, 1),"botanical\_name" TEXT,"local\_name" TEXT,"habit\_code" TEXT,"family\_id" NUMERIC(4, 1), primary key(plant\_id), foreign key(habit\_code) references habitat(habit\_code));

CREATE TABLE IF NOT EXISTS "plant\_part" ("part\_id" NUMERIC(4, 1) PRIMARY KEY,"plant\_part" TEXT);

CREATE TABLE IF NOT EXISTS "uses" ("plant\_no" NUMERIC(3, 1) PRIMARY KEY,"direction\_of\_use" TEXT,"ethnobotanical\_Uses" TEXT,"used\_part" NUMERIC(4, 1),foreign key(used\_part) references plant\_part(part\_id));

Insert

INSERT INTO "family" VALUES (101.0,'Liliaceae'),(102.0,'Pteridaceae'),(103.0,'Asteraceae'),(104.0,'Basellaceae');

INSERT INTO "habitat" VALUES ('CS','Climbeing Shrubs'),('H','Herbs'),('TW','Twiners');

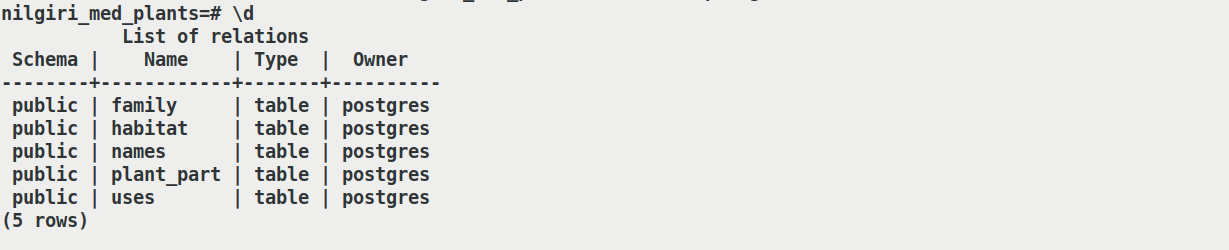
INSERT INTO "names" VALUES (1.0,'Asparagus racemosus Willd.','Sadhavari','CS',101.0), (2.0,'Actiniopteris radiata (Sw.) Link','Mayilviri','H',102.0);

INSERT INTO "plant\_part" VALUES (201.0,'Leaves'),(202.0,'Whole plant'),(203.0,'Stem');

INSERT INTO "uses" VALUES (1.0,'¾ of fresh cow milk with leaf paste is mixed and intaken','Cures White discharge for women',201.0), (2.0,'Whole plant is shade dried and powdered ','Removes stones from Urinary tract',202.0);

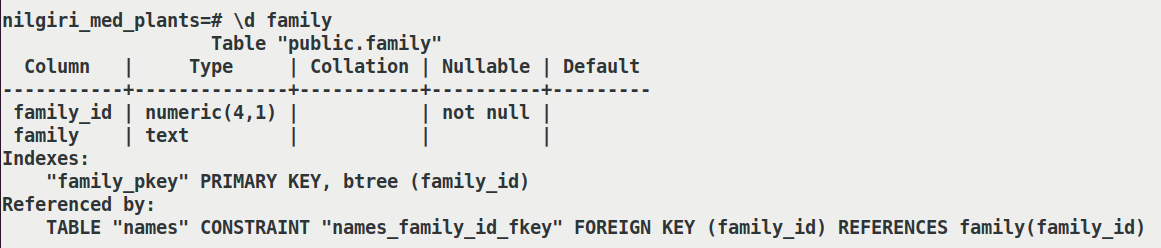
**description about tables:**

nilgiri\_med\_plants=# \d

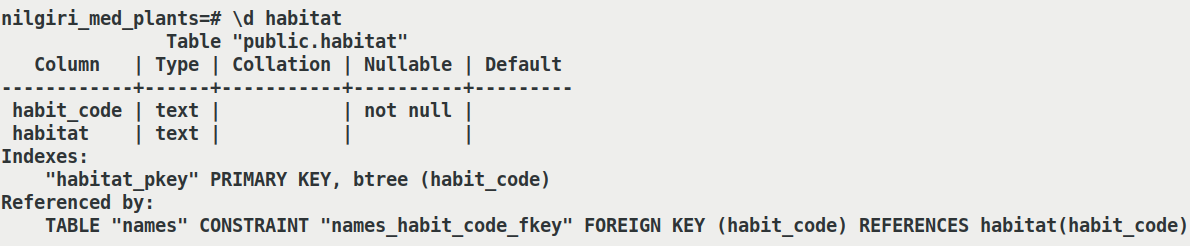


Description of each tables

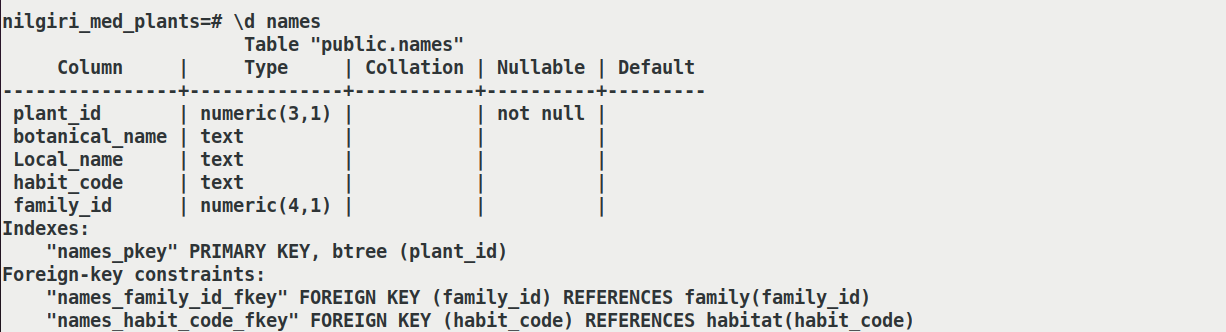
family



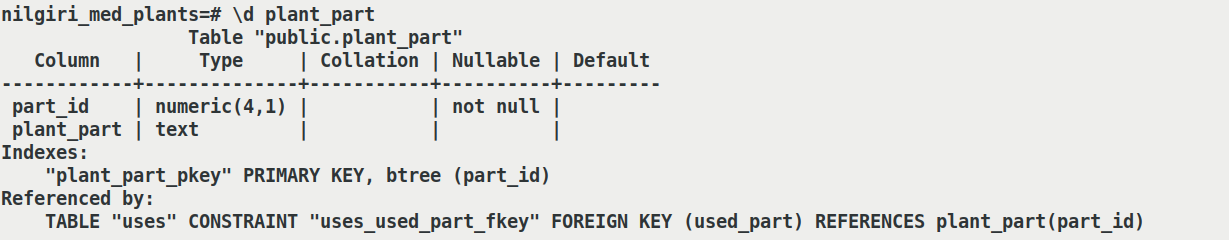
habitat



Names



Plant\_parts



Uses

