POSTGRES COMMANDs

**installation on ubuntu:**

sudo apt-get update

sudo apt-get install postgresql postgresql-contrib

service postgresql status

sudo su postgress

psql

\l

\du

**To\_Change\_Password:**

ALTER USER postgres WITH PASSWORD 'ishika2610';

**To\_Create\_New\_User:**

CREATE USER ishika WITH PASSWORD 'ishika2610';

**TO\_Grant\_Privileages**

ALTER USER ishika WITH SUPERUSER;

**To\_Remove\_user:**

DROP USER abcd

**To\_Create\_Database:**

CREATE DATABASE ishidb;

**To\_Connect\_To\_Database:**

\c ishidb;

**TO\_Create\_Schema**

CREATE SCHEMA ishischema;

CREATE TABLE ishischema.ishitable(id integer,name char(10));

INSERT INTO ishischema.ishitable VALUES(1111,'aaru')

SELECT \* FROM ishischema.ishitable

**TO CREATE NEW USER AND NEW DB….**

baadmin@baubuntu1604:~$ **sudo su postgres**

postgres@baubuntu1604:/home/baadmin$ **psql**

psql (9.5.14)

Type "help" for help.

postgres=# **create database ruhandb;**

CREATE DATABASE

postgres=# \**c ruhandb**

You are now connected to database "ruhandb" as user "postgres".

ruhandb=# **CREATE USER ruhan WITH PASSWORD 'ruhan123';**

CREATE ROLE

ruhandb=# **ALTER USER ruhan WITH SUPERUSER;**

ALTER ROLE

ruhandb=# **ALTER USER ruhan WITH createrole;**

ALTER ROLE

ruhandb=# **ALTER USER ruhan WITH createdb;**

ALTER ROLE

ruhandb=# **ALTER USER ruhan WITH replication;**

ALTER ROLE

ruhandb=# **ALTER USER ruhan WITH bypassrls;**

ALTER ROLE

ruhandb**=# \q**

postgres@baubuntu1604:/home/baadmin$ **psql -U ruhan -d postgres -h localhost -p 5432**

Password for user ruhan: ruhan123

psql (9.5.14)

SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-GCM-SHA384, bits: 256, compression: off)

Type "help" for help.

postgres=# **\c**

SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-GCM-SHA384, bits: 256, compression: off)

You are now connected to database "postgres" as user "ruhan".

postgres=# **\c ruhandb**

SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-GCM-SHA384, bits: 256, compression: off)

You are now connected to database "ruhandb" as user "ruhan".

ruhandb=# \du

List of roles

Role name | Attributes | Member of

---------------- +-------------------------------------------------------------------------------------+-----------

baadmin | | {}

ishi | Superuser | {}

john  | | {}

postgres | Superuser, Create role, Create DB, Replication, Bypass RLS | {}

rkruser | | {}

ruhan | Superuser, Create role, Create DB, Replication, Bypass RLS | {}

sangee | Superuser, Create role, Create DB, Replication, Bypass RLS | {}

wambui | | {}

**PAGER:**

When we user \du,\l……We will not get the output in the same page…..to make the output appear on the same page use

ruhandb=# \**pset pager**

Pager usage is off.