MariaDB/PostgreSQL

MariaDB-

```
root@host# /etc/init.d/mysqld start
```
Starts the mysql service

```
root@host# /etc/init.d/mysqld stop
```
Stops the mysql service

```
root@host# /etc/init.d/mysqld restart
```
Restarts the mysql service

```
root@host# /etc/init.d/mysqld status
```
Checks the service of the mysql service

```
root@host# mysqladmin --version
```
Checks the version of MariaDB

```
root@host# mysqladmin -u root password "[password]";
```
Sets a root password

```
root@host# mysql -u root -p
```
Connects to the database as the root user

```
mysql> 'newuser'@'localhost' IDENTIFIED BY 'password';
```
Adds a new user account

```
mysql> GRANT SELECT, INSERT, UPDATE, DELETE ON database1 TO
'newuser'@'localhost';
```
Grants the new user privileges to a database

```
mysql> FLUSH PRIVILEGES;
```
Refreshes the grant tables and allows the new user account to access the databases

```
mysql> USE [nameOfDatabase];
```
Sets the current default database

```
mysql> SHOW DATABASES;
```
Lists the current databases on the server

```
mysql> SHOW TABLES;
```
Lists all non-temporary tables

```
mysql> SHOW COLUMNS FROM [table name];
```
Provides column info pertaining to specific table

```
mysql> SHOW INDEX FROM TABLENAME [table name];
```
Provides table index info relating to specific table

```
root@host# Mysqladmin -u root -p create TABLENAME
```
Creates a new database named Tablename

```
root@host# Mysqladmin -u root -p drop TABLENAME
```
Deletes the database Tablename

```
mysql> use TABLENAME;
```
Chooses the database Tablename and all subsequent commands operate on that database

```
mysql> DROP TABLE tablename;
```
Deletes the table tablename

```
mysql> INSERT INTO tablename (field1,field2) VALUES
(value1,value2);
```
Inserts values into fields in the table tablename

Backups:
```
root@host# mysqldump -u root -p --no-create-info
--tab=[destination] DATABASE table
```
Dumps a table as a raw data file into [destination]

```
root@host# mysqldump -u root -p DATABASE table >file.txt
```
Dumps the table [table] in the database [DATABASE] into a file

```
mysql> LOAD DATA LOCAL INFILE 'file.txt' INTO TABLE table;
```
Loads data from file.txt into the table [table]

PostgreSQL-

```
root@host service postgresql start
```
Starts the postgres service

```
root@host# /etc/init.d/mysqld start
```
Starts the postgres service

```
postgres@host# postgres -D /usr/local/pgsql/data >logfile 2>&1
&
```
Starts the postgres service in the background

```
postgres@host# psql mydb
```
Starts the postgres service for the database named mydb

```
mydb => SELECT version();
```
Shows the current postgres version

```
pg_dump mydb > outfile
```
Creates a backup of mydb