PostGreSQL Brain Mentors Pvt Ltd

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create database <db>

```
\I - to see list of the databases
\c <dbname> - to connect to the database
drop database <dbname>
CREATE TABLE Employee(
 ID INT PRIMARY KEY NOT NULL,
 NAME
          TEXT NOT NULL UNIQUE
 AGE INT NOT NULL,
 ADDRESS CHAR(50),
 SALARY REAL DEFAULT 9999
);
\d - toList down all the tables in the database
\d <tablename>
drop table <tablename>
INSERT INTO TABLE NAME VALUES
```

(value1, value2, value3, ... valueN);

SELECT * FROM table_name;

```
Foreign Key
CREATE TABLE DEPARTMENT1(
ID INT PRIMARY KEY NOT NULL,
DEPT CHAR(50) NOT NULL,
EMP_ID INT references Employee(ID)
);
```

ALTER TABLE table_name DROP CONSTRAINT some_name;

UPDATE emp SET SALARY = 15000 WHERE ID = 3;

DELETE FROM table_name WHERE [condition];

SELECT * FROM table_name WHERE name LIKE '%A%'

SELECT column1, column2, columnN FROM table_name
LIMIT 10 OFFSET 5

SELECT * FROM COMPANY ORDER BY AGE ASC

SELECT DISTINCT name FROM COMPANY;

```
Auto number

CREATE TABLE COMPANY(

ID SERIAL PRIMARY KEY,

NAME TEXT NOT NULL,

AGE INT NOT NULL,

ADDRESS CHAR(50),

SALARY REAL
);
```

SELECT C.ID, C.NAME, C.AGE, D.DEPT FROM COMPANY AS C, DEPARTMENT AS D WHERE C.ID = D.EMP ID;

SELECT C.ID AS COMPANY_ID, C.NAME AS COMPANY_NAME, C.AGE, D.DEPT FROM COMPANY AS C, DEPARTMENT AS D WHERE C.ID = D.EMP_ID;

SELECT COUNT(*) FROM COMPANY

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