

PES UNIVERSITY RR CAMPUS
DBMS LAB WEEK 6

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DATE: 15TH OCTOBER 2021
SECTION: 'A'

1. Create Database DDL

```
pes1ug19cs058@ubuntu:~$ sudo -i -u postgres
postgres@ubuntu:~$ psql
psql (12.8 (Ubuntu 12.8-0ubuntu0.20.04.1))
Type "help" for help.

postgres=# drop database company
postgres-# \i '/home/pes1ug19cs058/DBMS Lab/week6/companyddl.sql'
DROP DATABASE
CREATE DATABASE
You are now connected to database "company" as user "postgres".
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
ALTER TABLE
```

2. Populate the Database

[illegible]

3. Week 6 Commands

```
company-# \i '/home/pes1ug19cs058/DBMS Lab/week6/week6.sql'
      ssn      |      pname
-----+-----
    123456789 | ProductX
    453453453 | ProductX
(2 rows)

UPDATE 2
      ssn      |      pname
-----+-----
    123456789 | ProductX
    453453453 | ProductX
(2 rows)

      sum_salary | min_salary | max_salary |      avg_salary
-----+-----+-----+-----
    138500.00 |    27500.00 |    40000.00 | 34625.000000000000
(1 row)

      count
-----
         7
(1 row)

      ssn
-----
    333445555
    123456789
(2 rows)

      dno | count |      avg
-----+-----+-----
        5 |     4 | 34625.000000000000
        4 |     3 | 31000.000000000000
        1 |     1 | 55000.000000000000
(3 rows)
```

dno	count	avg
5	4	34625.000000000000
4	3	31000.000000000000
1	1	55000.000000000000

(3 rows)

fname	minit	lname
James	E	Borg
Franklin	T	Wong
Jennifer	S	Wallace
Ramesh	K	Narayan

(4 rows)

fname	minit	lname
James	E	Borg

(1 row)

dno	count
4	1
1	1
5	1

(3 rows)