**UE19CS304 – DBMS LABORATORY**

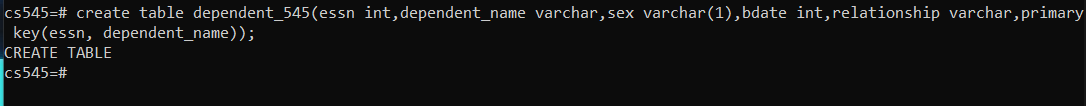
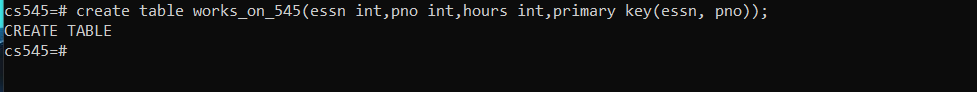
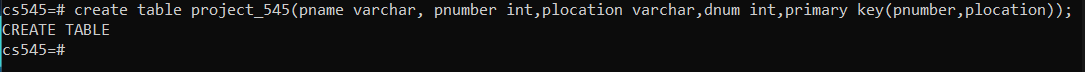
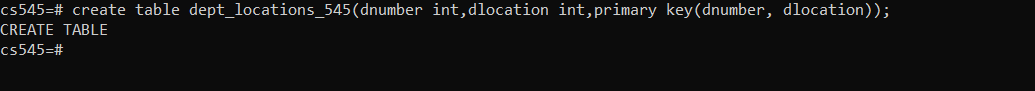
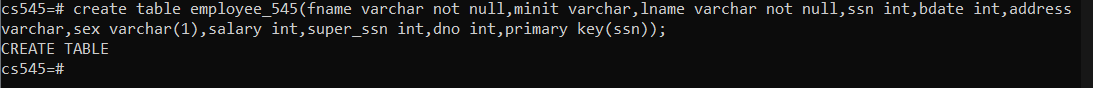
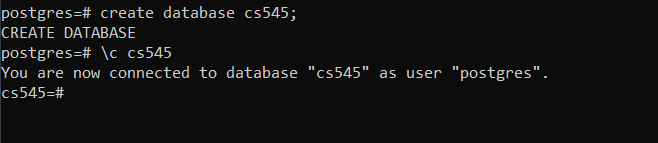
**Week 4: SQL Constraints, Views, Truncate, delete and update operations.**

Name: TUSHAR Y S

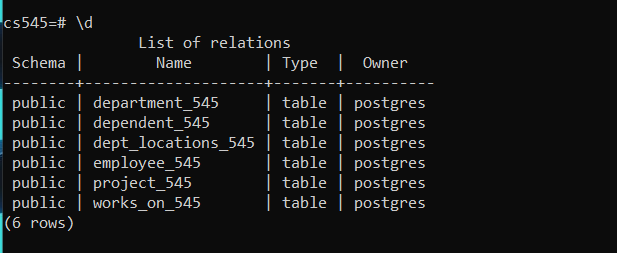
SRN: PES1UG19CS545 (I section)

Task1:

- Creating database and creating tables (6).

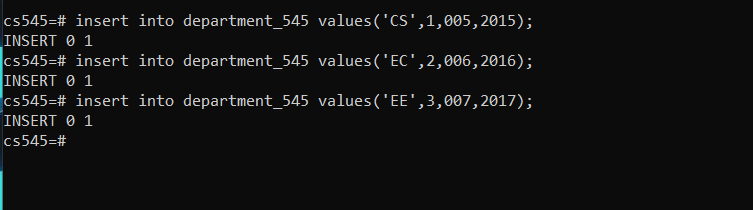


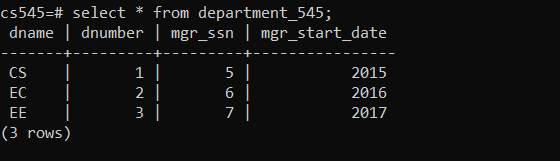
- Listing all tables:



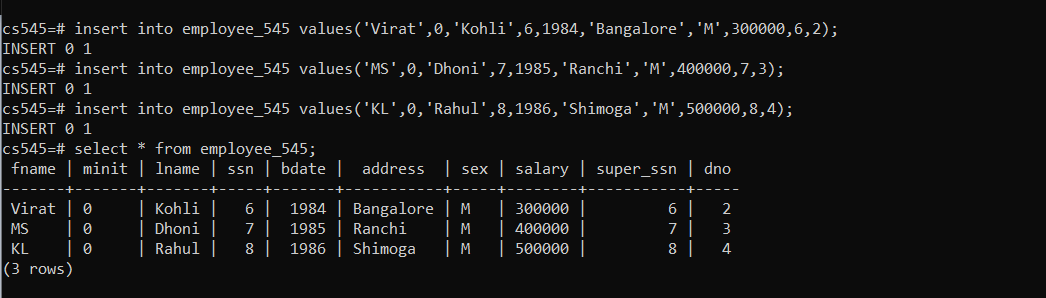
- Inserting values to:

-Department table:

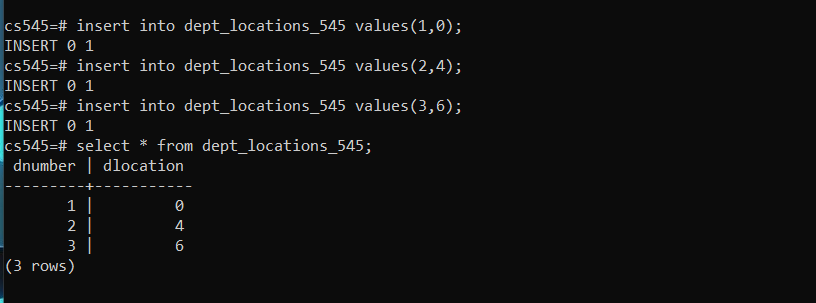




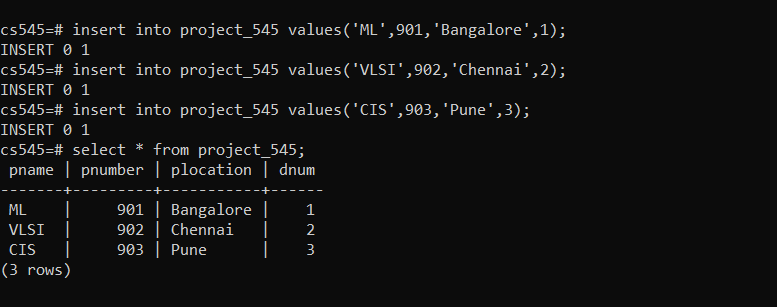
-Employee table:



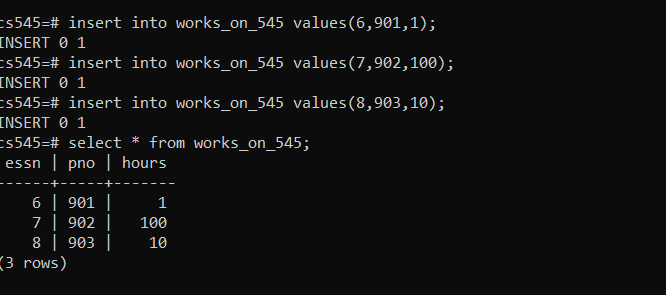
- Dept\_locations table:



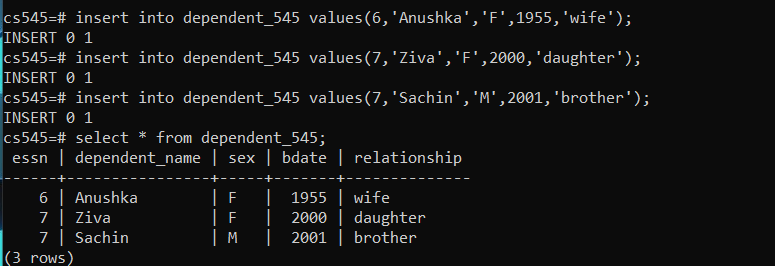
- Project table:



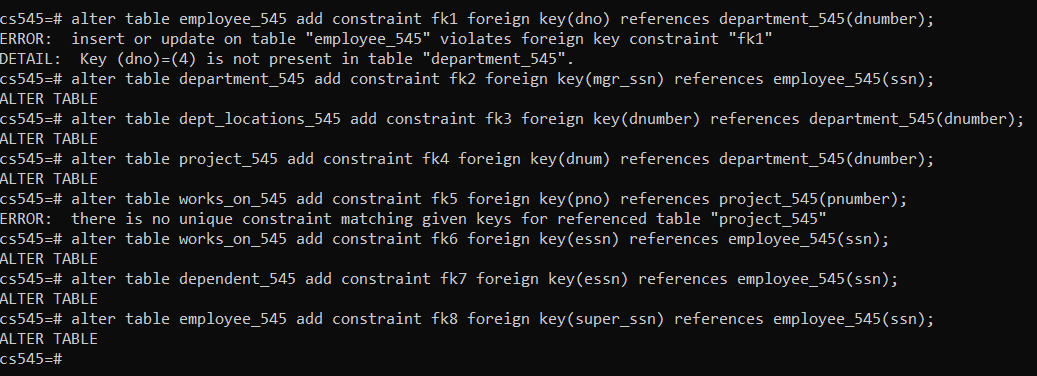
- Works\_on table:



- dependent table:

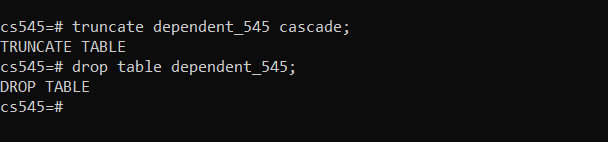


- Adding the foreign key constraints:



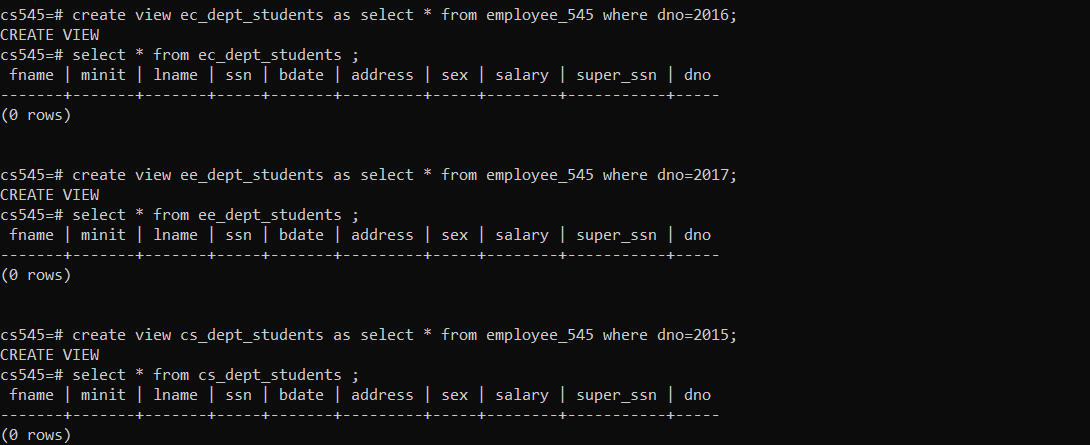
Task2:

a) Drop and truncate:

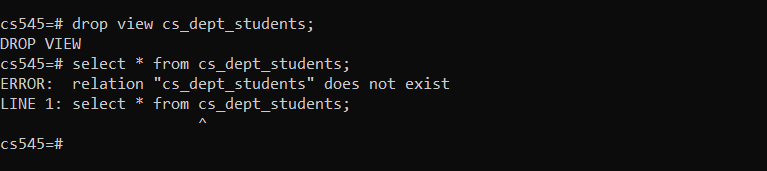


b)

- Create views:

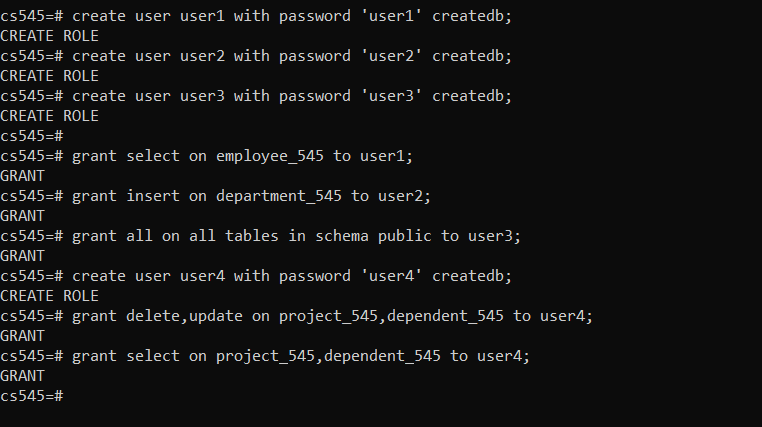


- Drop views:

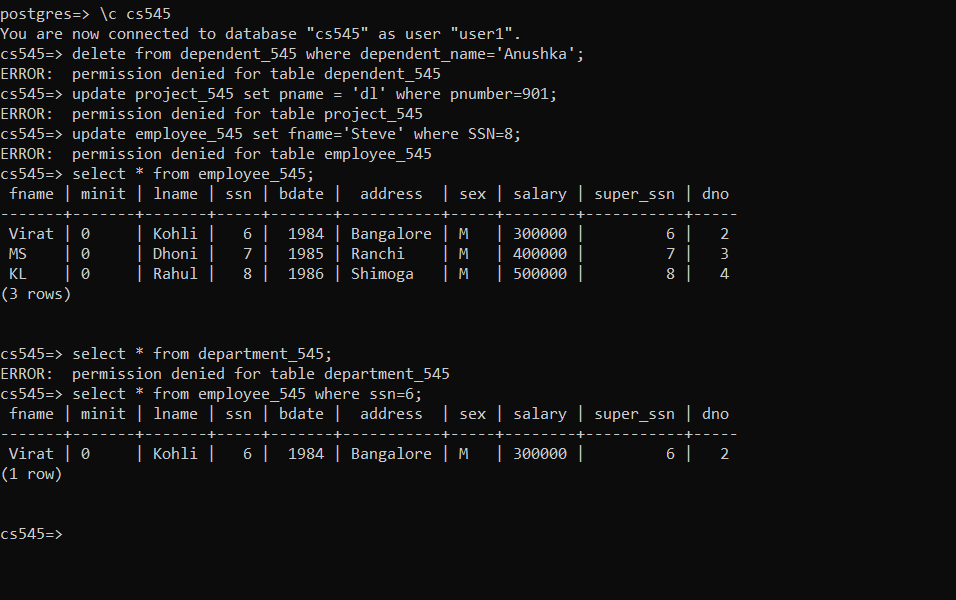


c)

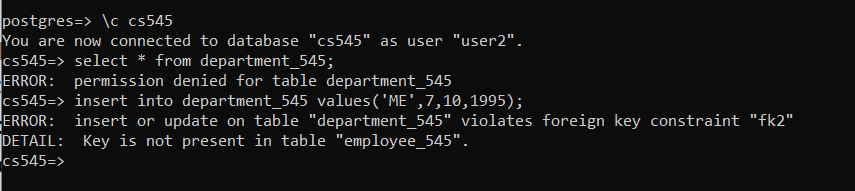
- Creating users and granting permissions:



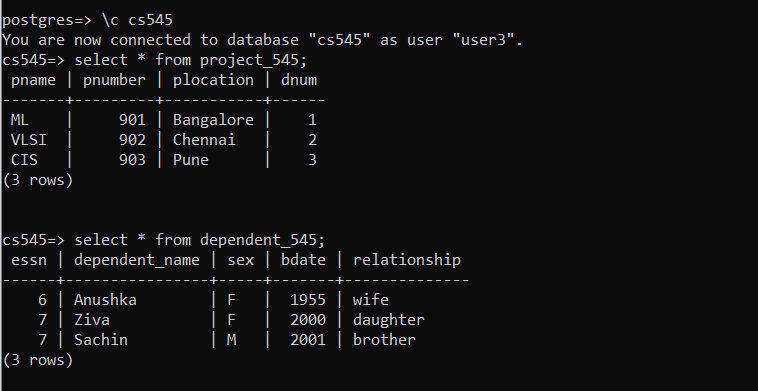
- User 1 has only select permission for employee table and hence can only perform select operation on the employee table.



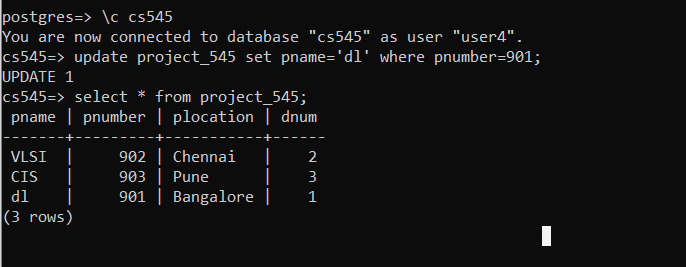
- User 2 has insert permissions on the employee table. But it throws an error as there are many foreign key constraints. It doesn’t deny the permission to insert values.



- User 3 has all permissions on all tables.



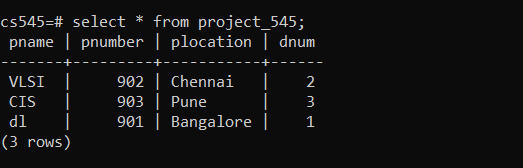
- User 4 has delete and update permissions on the project and dependent tables.



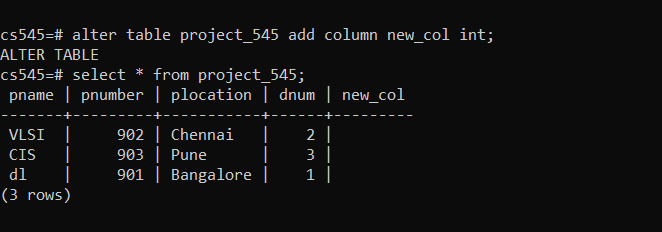
d)

- Adding a new column to employee table.

Before:



After adding new column(‘new\_col’):



- Deleting a column (‘new\_col’ here):

