**DBMS LAB**

**WEEK 4**

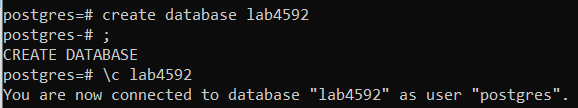
**YASHI CHAWLA  
PES1UG19CS592**

**Sem5, I section**

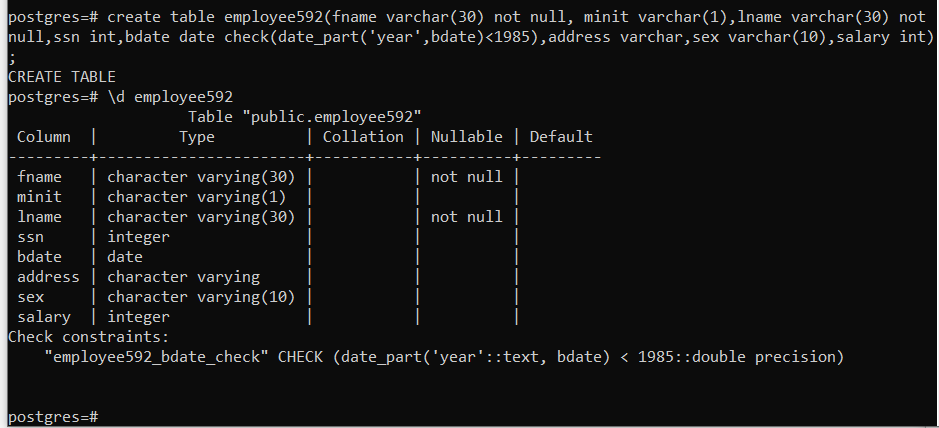
Creating table and adding constraints for the given relational design:

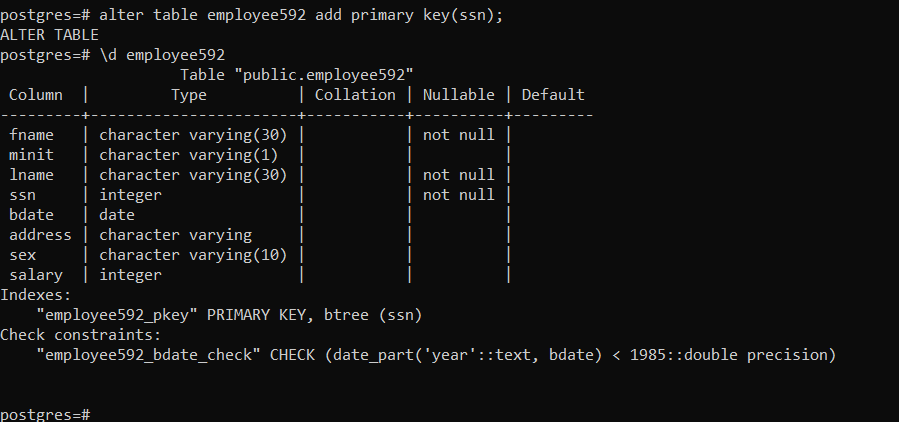
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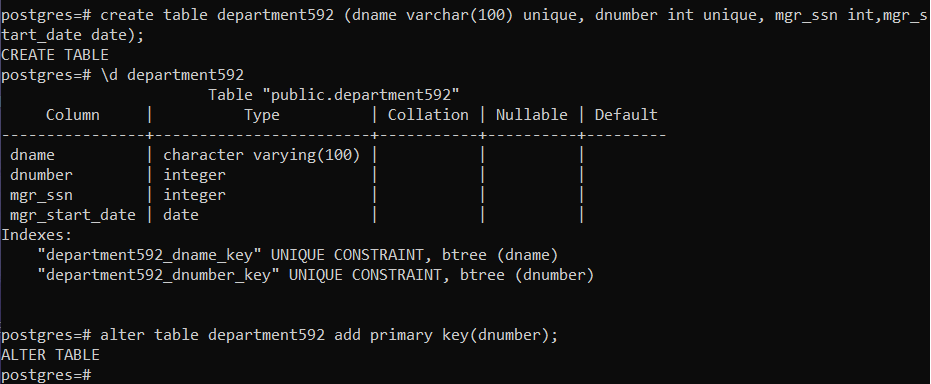
Create database:



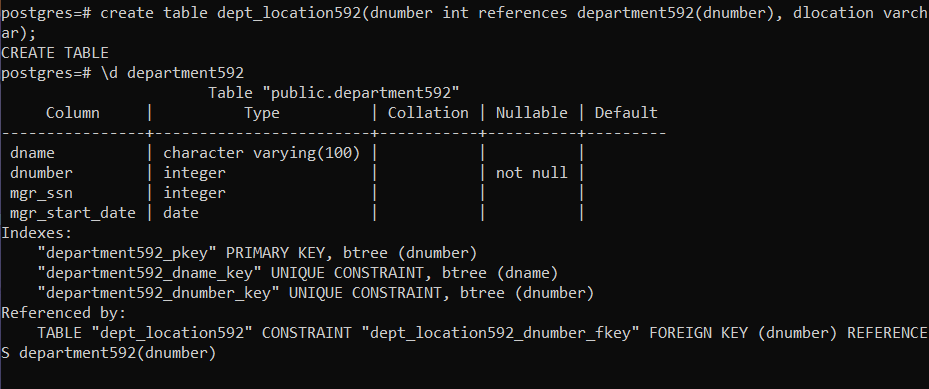
Create employee table:

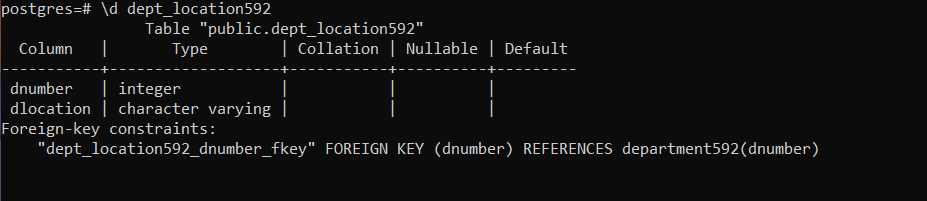


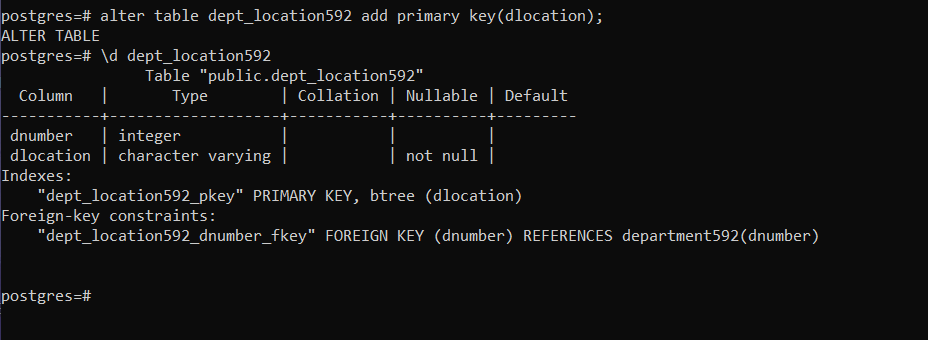


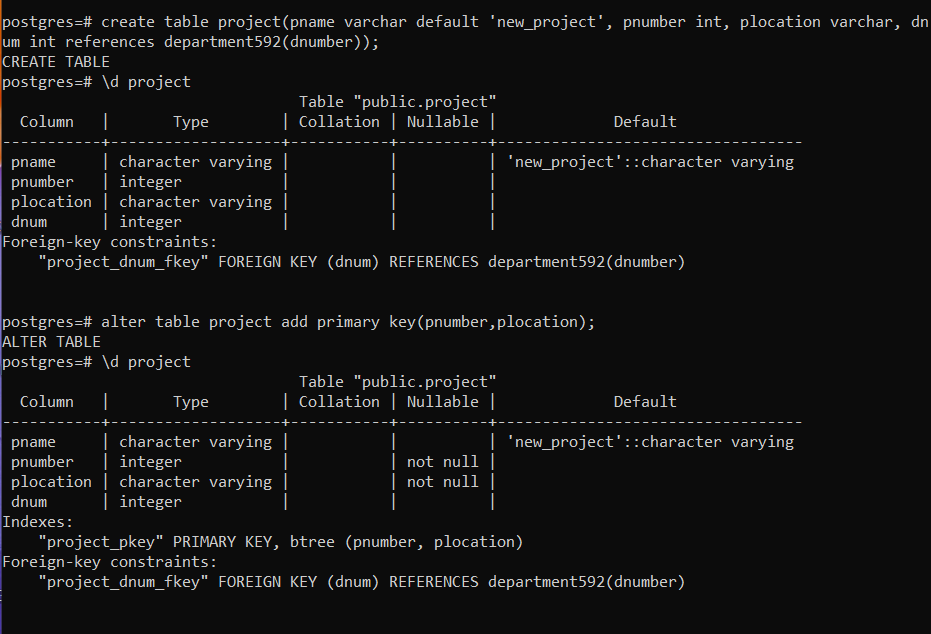
Create department table, add unique constraints to it:

Create dept\_location table with foreign keys:



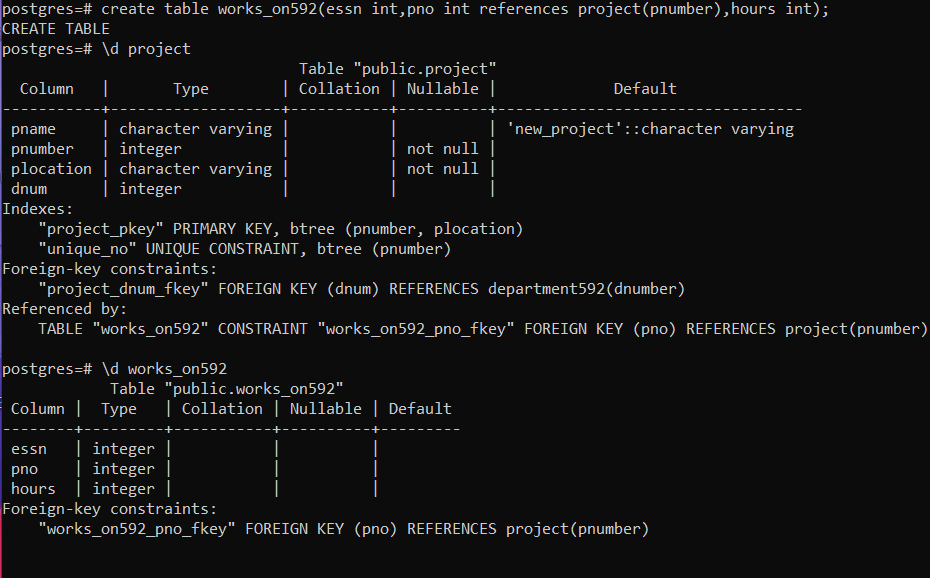


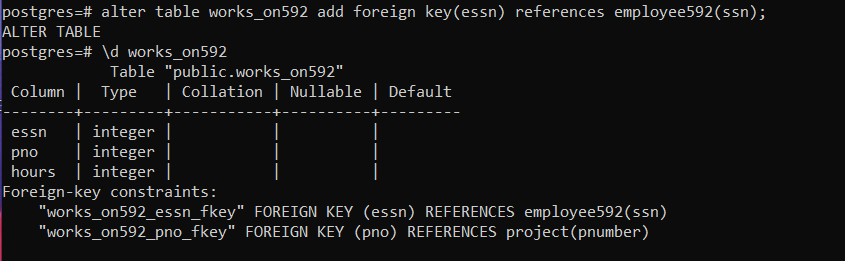


Create project table:

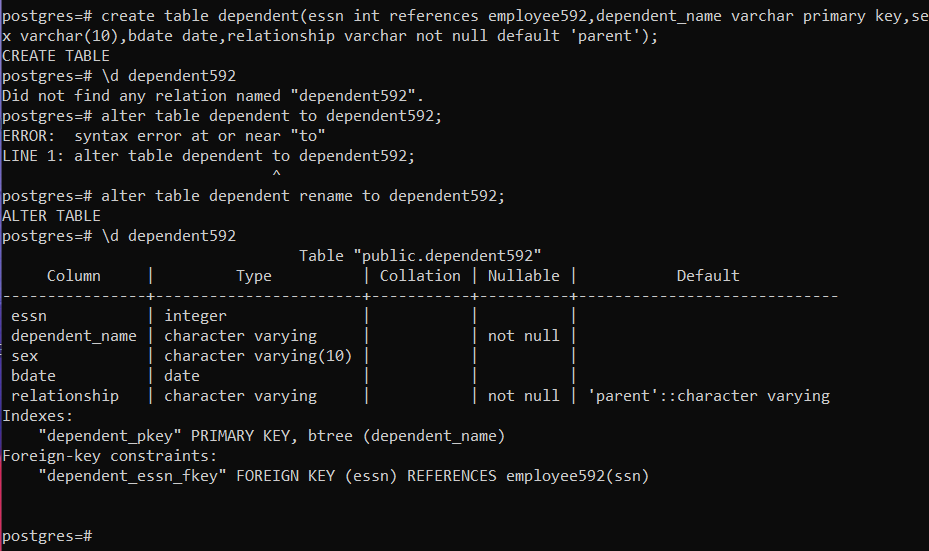


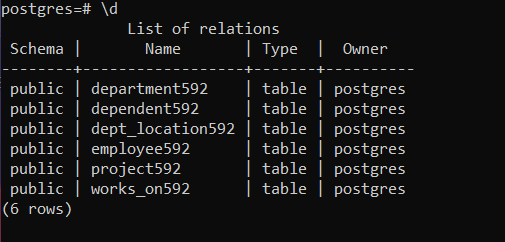
Create works\_on table:

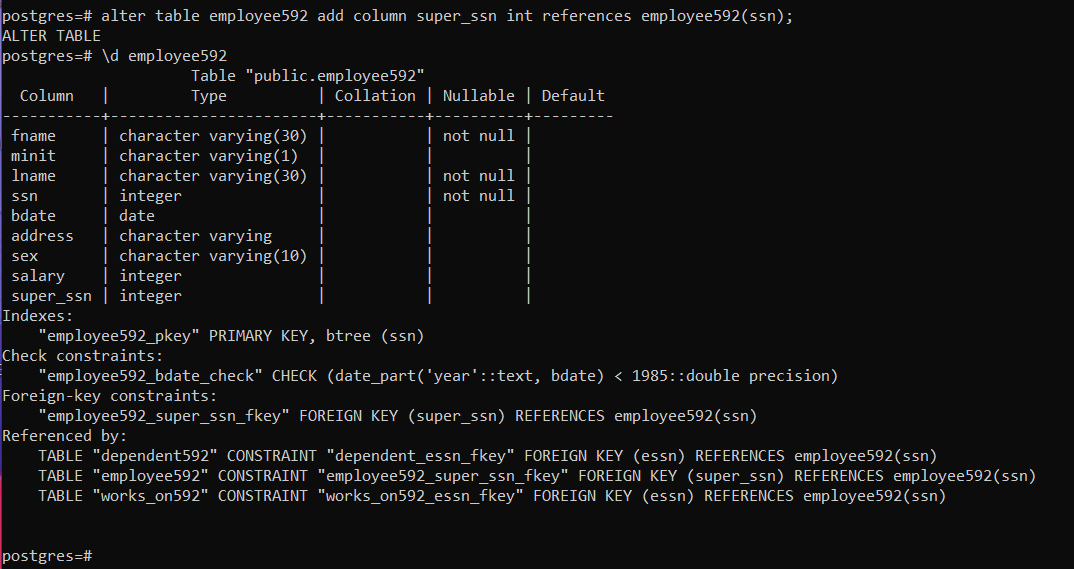


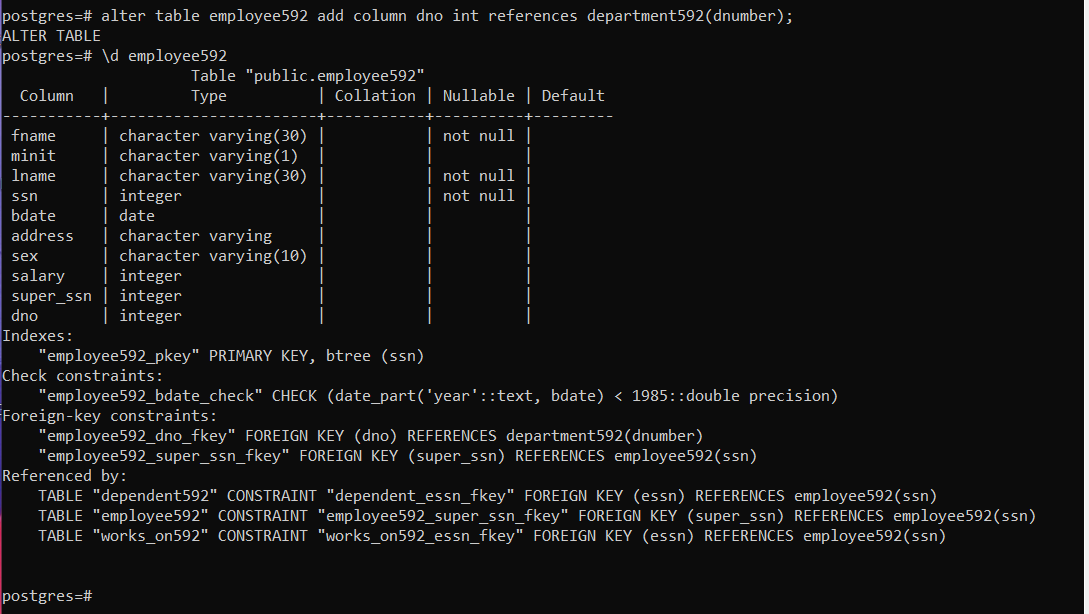


Create dependent table:

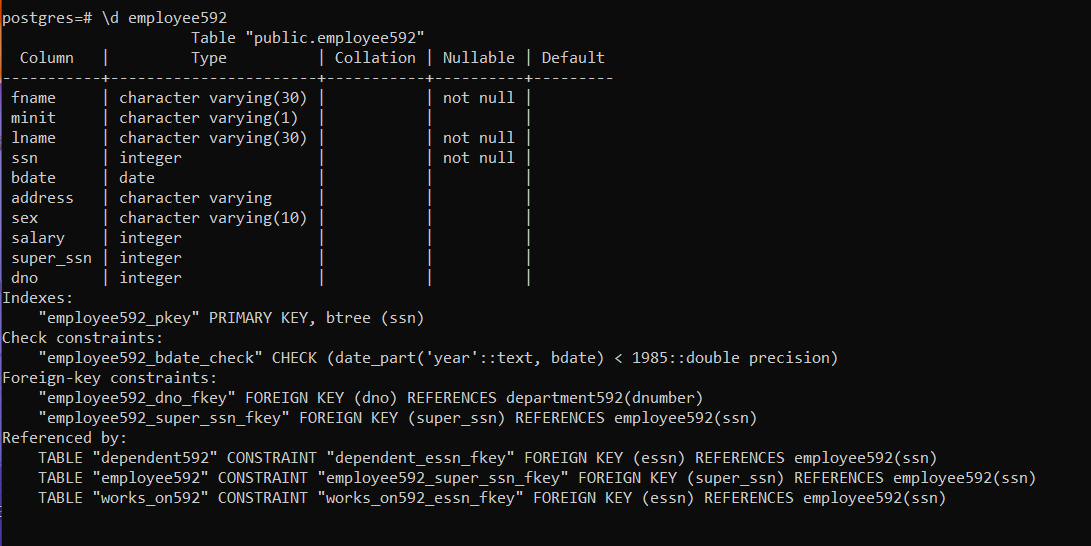
  
list of tables created:

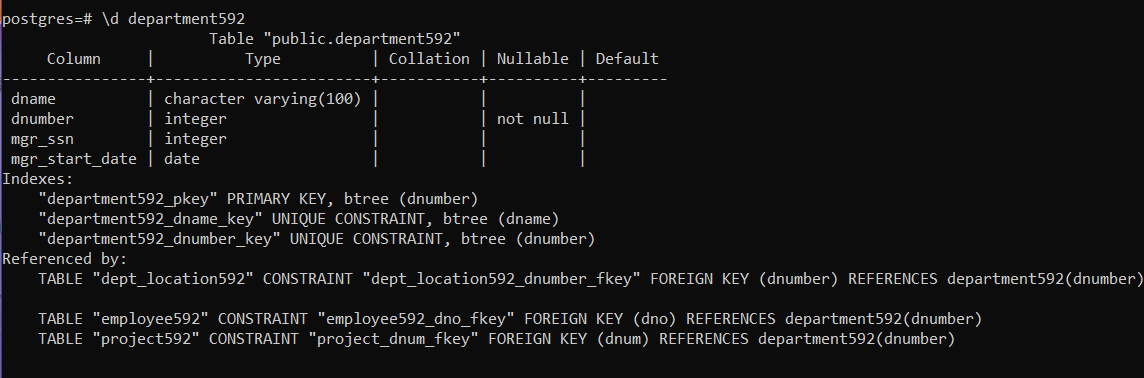


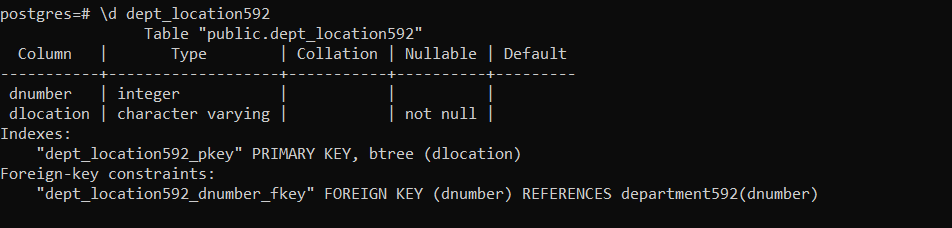
Adding columns to employee592:

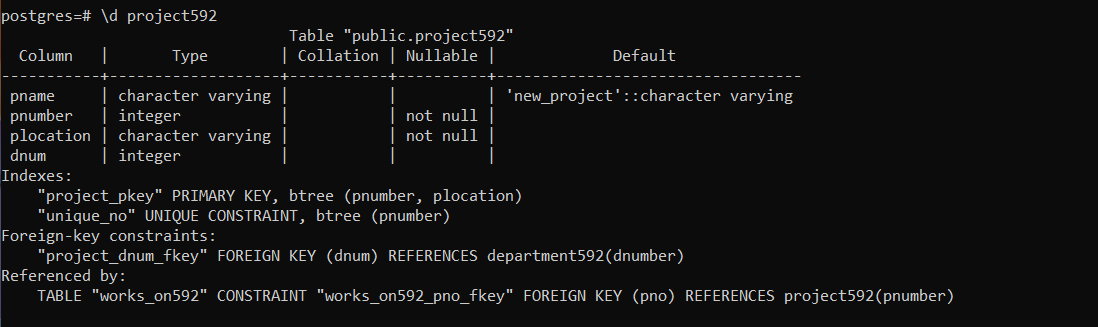


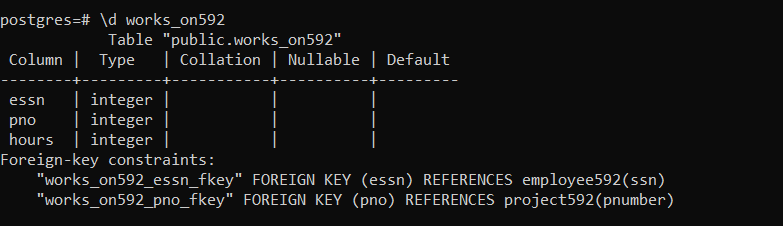
Final Screenshot of all tables’ details:

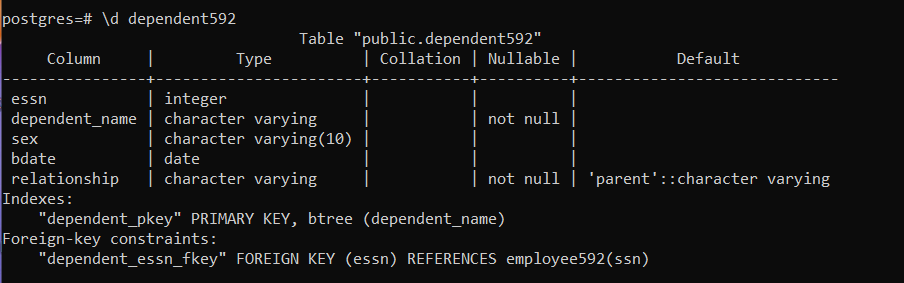




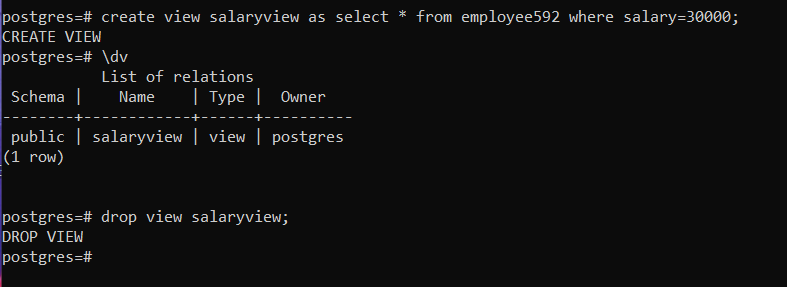






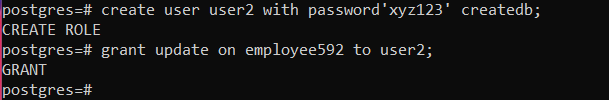


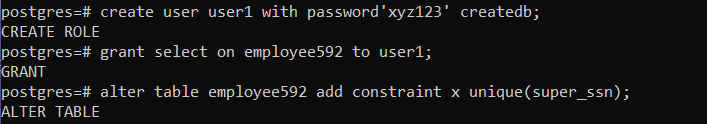
2. a. Creating/dropping views

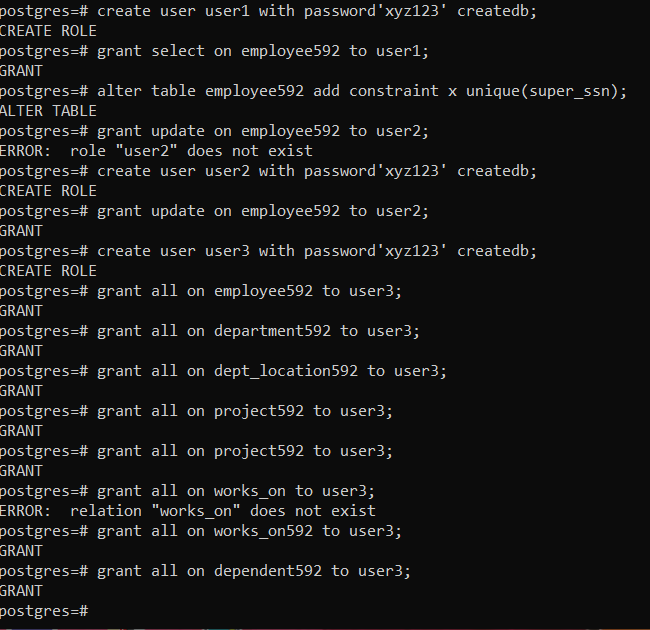


b. creating and granting access to users

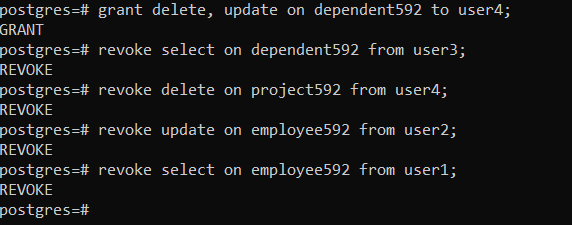
granting select acer to user1:



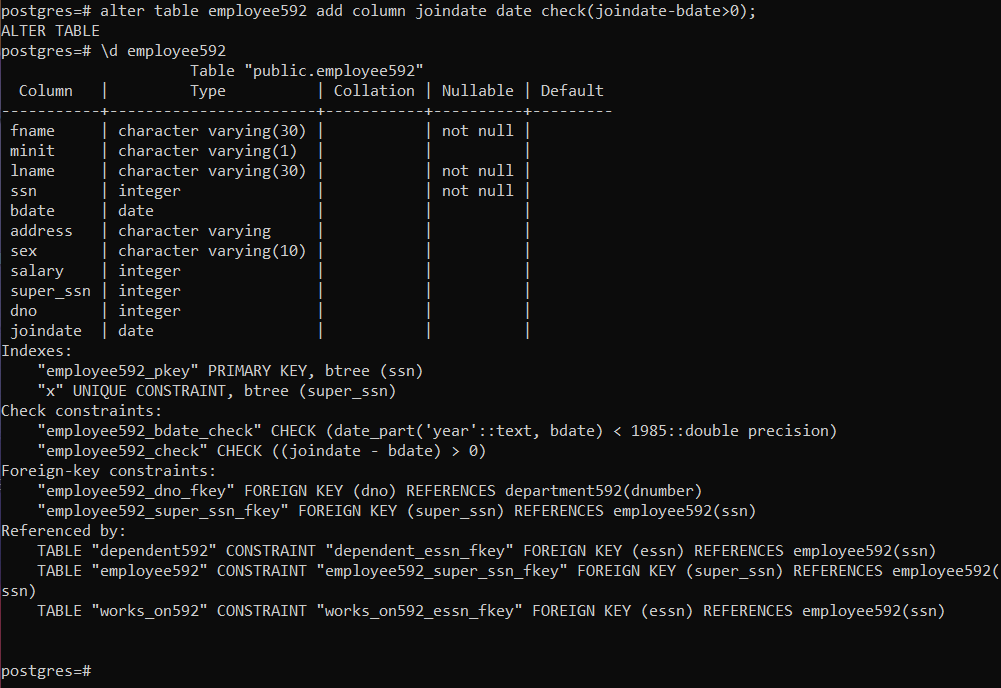


Granting all access to user3, 

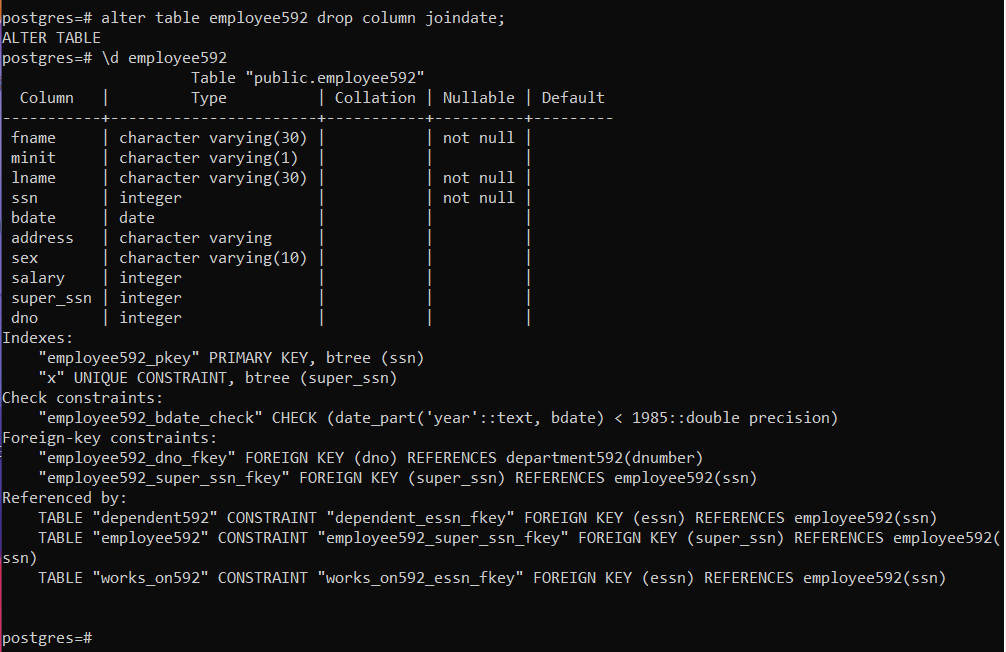
Grant delete, update to user 4, Revoking access:

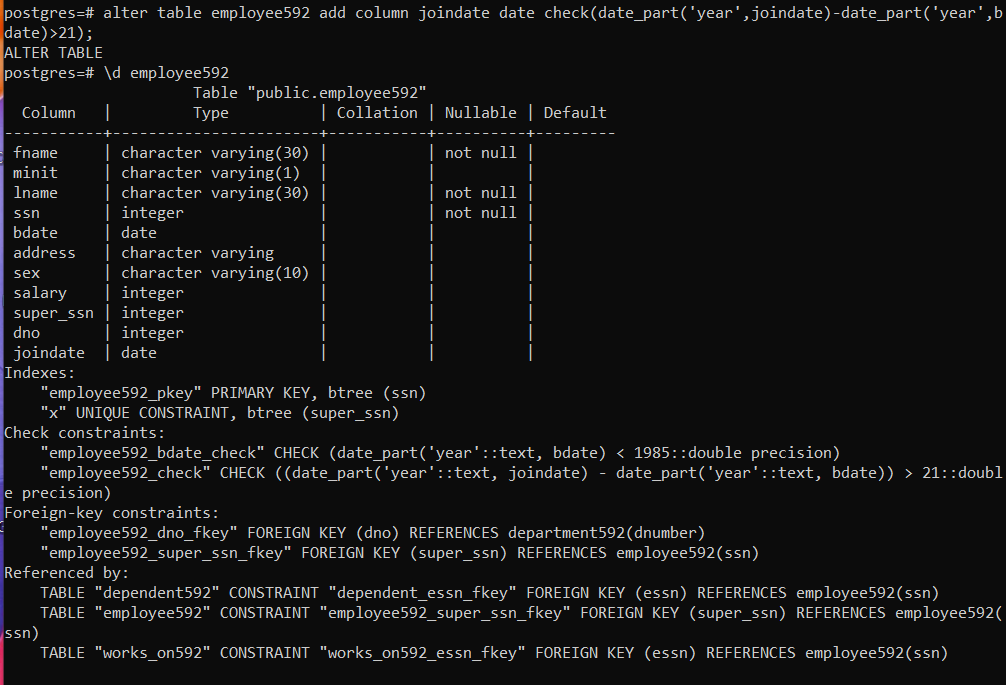


c. Adding a column called joindate with a constraint that it should be greater than the birthdate:



Removing a column:



Adding a column called joindate again but with a different constraint that at the time of joining, the age should be greater than 21:

d. Delete and truncate tables

