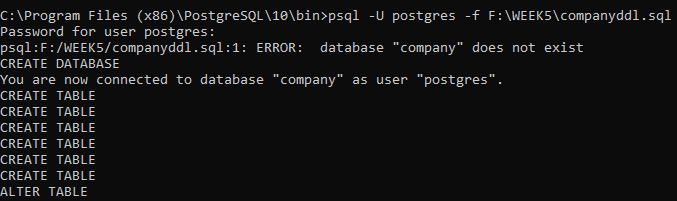
**DBMS LAB WEEK – 5**

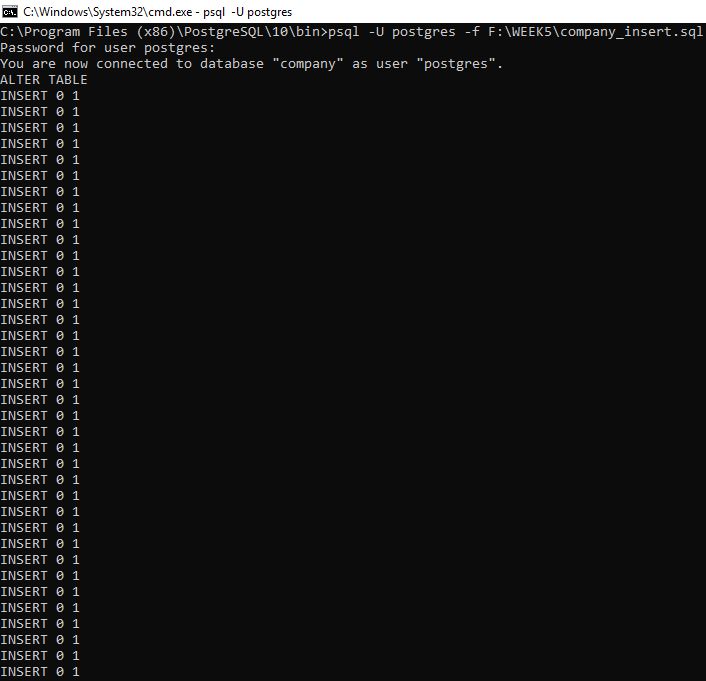
**NAME:** DIVYANSHU SHARMA

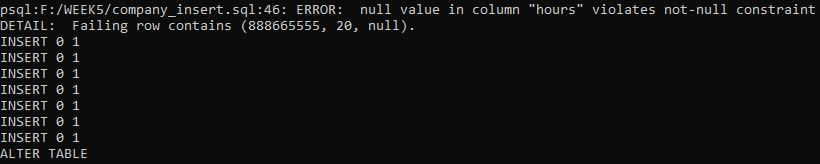
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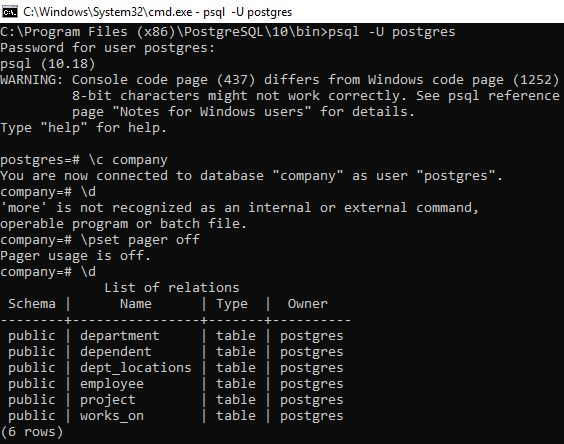
**SECTION:** D

**SEMESTER:** 5TH

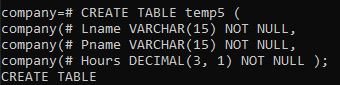
C**reating “company” database and importing companyddl.sql file:**

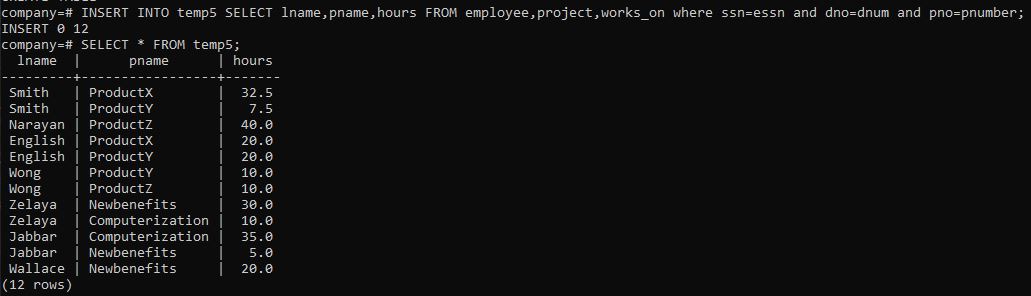
**Inserting company\_insert.sql file:**

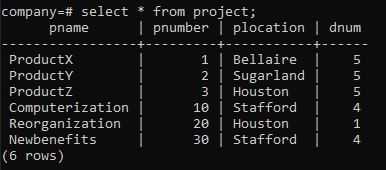


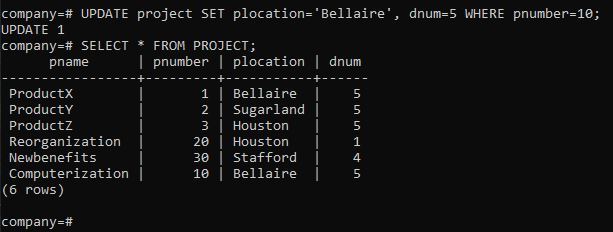
**Now connecting to Company Database:**

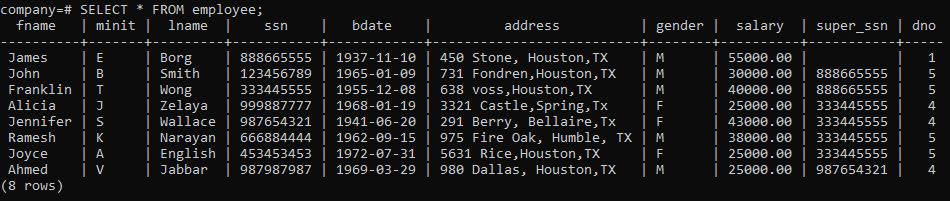
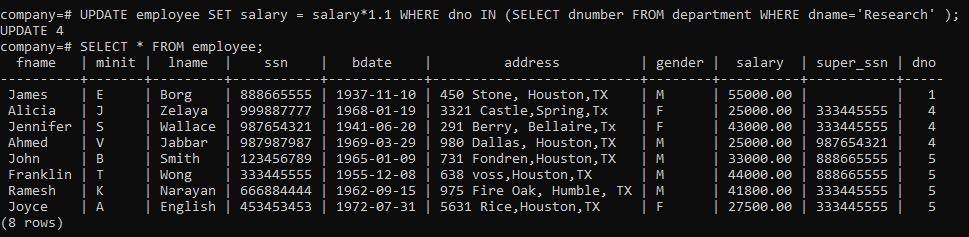
1. **SQL DML**

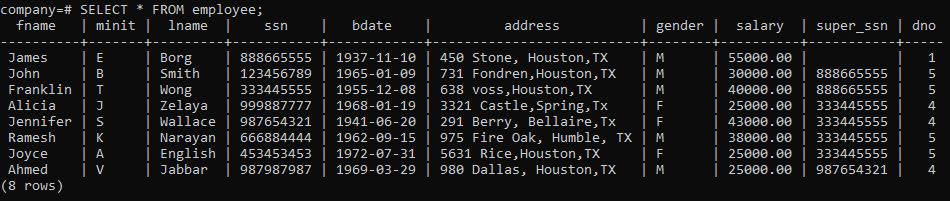
* **Create a temporary table that has the employee last name, project name, and hours per week for each employee working on a project. Insert the values into the table using insert into with select command**.



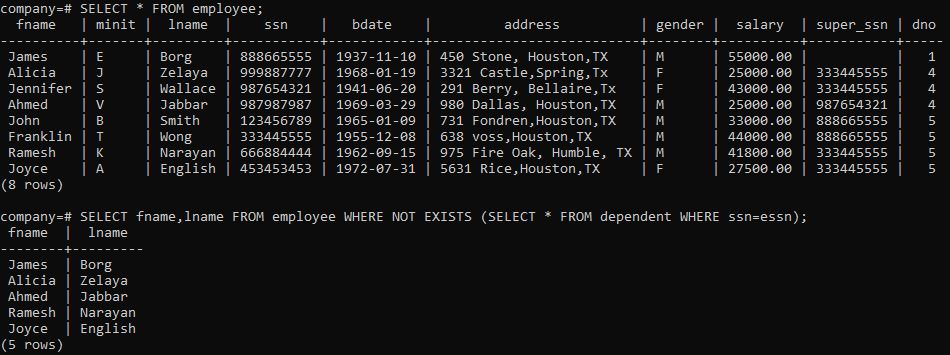
* **Update the location and controlling department number of project number 10 to ‘Bellaire’ and 5, respectively**.



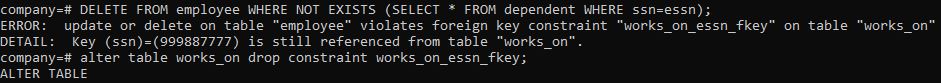
* **Give all employees in the ‘Research’ department a 10% raise in salary.**
* **Delete employee record whose lname =’Brown’**

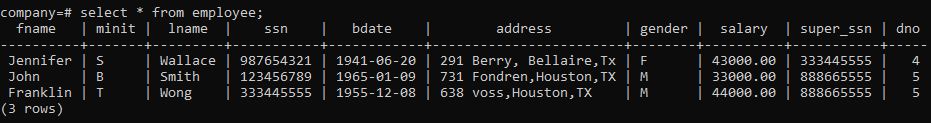
As there are no lname with “brown”. Therefore, there will be no alteration in Employee Table

* **Delete all the records of the employee who doesn’t have dependent. (use sub query).**

There are total of 5 records who doesn’t have Dependent.

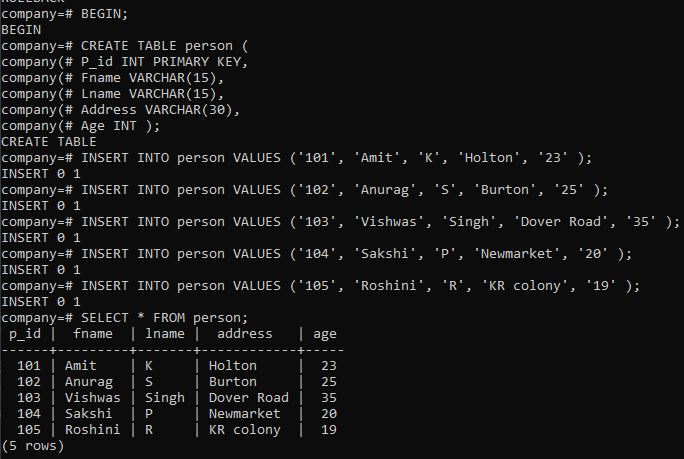


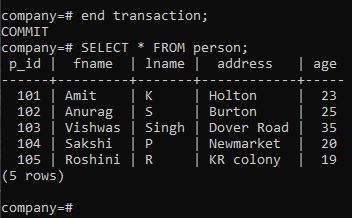


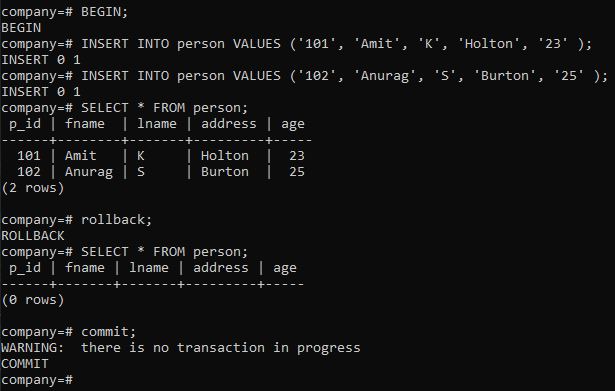
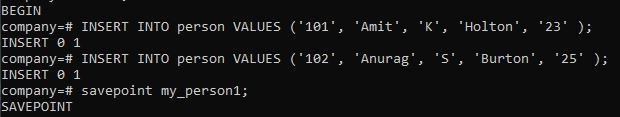
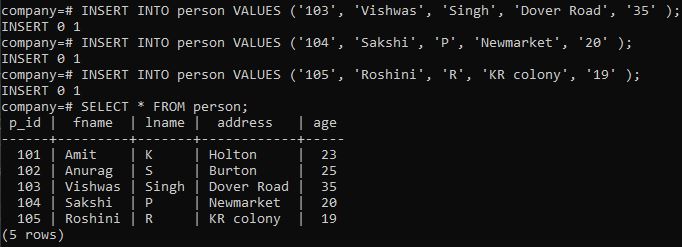


1. **Transactions: Create a transaction using begin and end commands consisting of the following sql statements.**

* **Create a transaction consisting of a create table and multiple insert statements. After End transaction the changes should be committed and can be checked using select statement.**





* **For the above transaction introduce a roll back after inserting 2 records. The create and insert should not be reflected in the database.**
* **For the first transaction introduce a save point after inserting 2 records and insert 2 more records and rollback to savepoint. They database should reflect only first 2 insert**.

