**DBMS LAB WEEK5**

**ATUL ANURAG**

**PES2UG19CS075**

**SECTION B**

SQL DML- Insert (using select) Update and delete, Transactions commit rollback and savepoint.

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.

Text

Description automatically generated

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

Shape

Description automatically generated with low confidence

* + Give all employees in the ‘Research’ department a 10% raise in salary.

Graphical user interface, text

Description automatically generated

* + Delete employee record whose lname =’Brown’

Background pattern

Description automatically generated

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

Graphical user interface, text

Description automatically generated

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.

Text

Description automatically generated

* + For the above transaction introduce a roll back after inserting 2 records. The create and insert should not be reflected in the database.

Text

Description automatically generated

* + 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.

Graphical user interface, text

Description automatically generated