## **Practical 4**

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**Aim:** Data Entry: Data Entry on to Tables, Alteration of table structure of alteration of scheme based on requirement. Data validation against use cases and test cases.

### **Theory:**

SQL is a programming language designed to manage data stored in a relational database management system (RDBMS).

SQL stands for the structured query language. Project topic: College Management System Total no of tables: 2

About: Syntax

# 1. Create table Syntax Create table table\_name

( Column1 datatype, Column2 datatype, Column3 datatype, ............);

#### 2. ALTER TABLE syntax

ALTER TABLE table\_name ADD column\_name datatype;

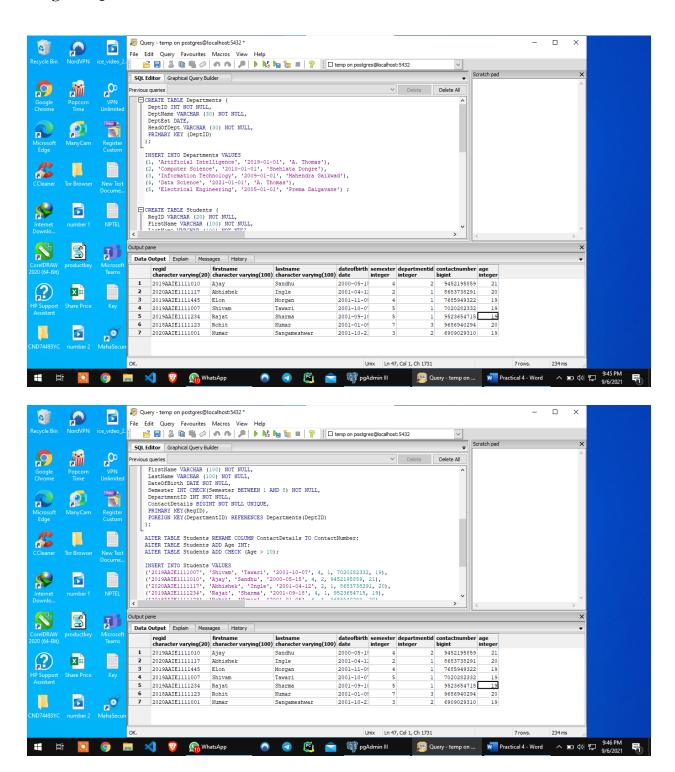
#### 3. DROP TABLE syntax

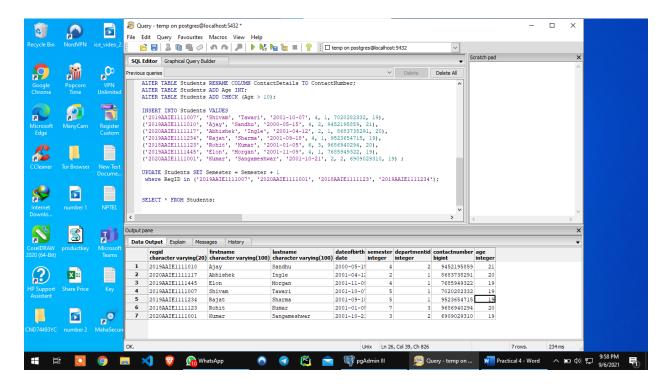
DROP TABLE table\_name;

#### 4. INSERT RECORD syntax

INSERT INTO table\_name(column1,column2,column3,...);

#### **Program/Queries:**





**Conclusion**: Hence, we have learnt and performed insertion of record into the table, update record, alter the table using PostgreSQL.