


## LAB-4



SQL Shell [nc]

```

[PRM]: database "C:\sc31005" already exists.
You should CREATE DATABASE "C:\SC31005\MYDB;"
CREATE MYDBMS4
root@res-1 ~

```

Windows taskbar at the bottom shows the time as 10:56 AM on 6/6/2021, with a weather widget indicating 73°F and Cloudy.

- The program is made at PostgreSQL application. We have created Database at PostgreSQL CISC3140SUMMER.

```
SQL Shell | local
lab=# \c public
postgres=# CREATE TABLE public."LABA" ( Customer_Id INT NOT NULL, Product_ID INT NOT NULL, Customer_Name VARCHAR(250), Product_Name VARCHAR(250), PRIMARY KEY(Customer_Id));
CREATE TABLE
postgres=#
```

- The command has been made to create TABLE and we have inserted table from PostgreSQL.

```
SQL Shell (psql)
postgres=# COPY Public."LAB4" FROM 'C:\Users\robin\Downloads\LAB4.csv' DELIMITER ',' CSV HEADER;
COPY 10
postgres=# select * from Public."LAB4"
postgres=# \q
```

- Importing file from CSV

```
SQL Shell (psql)
(1 row)

postgres=# select * from Public."LAB4";
 customer_id | product_id | customer_name | product_name
-----
1 | 5 | Laverne Atwater | Cheese - Parmigiano Reggiano
2 | 1 | Wenda Ketcher | Sparkling Wine - Rose, Freixenet
3 | 1 | Corrina Wrotham | Beer - Tottleys
4 | 8 | Skell Caws | Bread - Pumpernickle, Rounds
5 | 8 | Barbara- anne Tomasi | Maintenance- Removal Charge
6 | 6 | Odella Teal | Hipnotiq Liquor
7 | 7 | Francesca Greenland | Cookie Double Choco
8 | 2 | Guillemette Hartnell | Chicken Giblets
9 | 7 | Trixy Sallinger | Vermouth - Sweet, Cinzano
10 | 8 | Lindsay Chitcock | Sobe - Orange Carrot
(10 rows)

postgres=# DELETE FROM Public."LAB4" WHERE customer_name= 'Laverne Atwater';
DELETE 1
postgres=# select * from Public."LAB4";
 customer_id | product_id | customer_name | product_name
-----
2 | 1 | Wenda Ketcher | Sparkling Wine - Rose, Freixenet
3 | 1 | Corrina Wrotham | Beer - Tottleys
4 | 8 | Skell Caws | Bread - Pumpernickle, Rounds
5 | 8 | Barbara- anne Tomasi | Maintenance- Removal Charge
6 | 6 | Odella Teal | Hipnotiq Liquor
7 | 7 | Francesca Greenland | Cookie Double Choco
8 | 2 | Guillemette Hartnell | Chicken Giblets
9 | 7 | Trixy Sallinger | Vermouth - Sweet, Cinzano
10 | 8 | Lindsay Chitcock | Sobe - Orange Carrot
(9 rows)

postgres=#
```

- Delete records from Database.

```
SQL Shell (psql)
(9 rows)

postgres=# SELECT * FROM Public."LAB4" WHERE product_id = 7;
 customer_id | product_id | customer_name | product_name
-----
 7 | 7 | Francesca Greenland | Cookie Double Choco
 9 | 7 | Trixy Sallinger | Vermouth - Sweet, Cinzano
(2 rows)

postgres=# UPDATE Public."LAB4" SET product_id = '8' WHERE customer_id = '9';
UPDATE 1
postgres=#
```

- We have updated Database.

```
SQL Shell (psql)
(9 rows)

postgres=# SELECT * FROM Public."LAB4" WHERE product_id = 7;
 customer_id | product_id | customer_name | product_name
-----
 7 | 7 | Francesca Greenland | Cookie Double Choco
 9 | 7 | Trixy Sallinger | Vermouth - Sweet, Cinzano
(2 rows)

postgres=# UPDATE Public."LAB4" SET product_id = '8' WHERE customer_id = '9';
UPDATE 1
postgres=# SELECT * FROM Public."LAB4";
 customer_id | product_id | customer_name | product_name
-----
 2 | 1 | Wenda Ketcher | Sparkling Wine - Rose, Freixenet
 3 | 1 | Corina Wrotham | Beer - Teileys
 4 | 8 | Skell Caws | Bread - Pumpernickle, Rounds
 5 | 8 | Barbara-anne Tomasi | Maintenance Removal Charge
 6 | 6 | Odella Teal | Hipnotiq Liquor
 7 | 7 | Francesca Greenland | Cookie Double Choco
 8 | 2 | Guillemette Hartnell | Chicken Giblets
 10 | 8 | Lindsey Chittock | Soba - Orange Carrot
 9 | 8 | Trixy Sallinger | Vermouth - Sweet, Cinzano
(9 rows)

postgres=#
```

- It is table schema.

```
SQL Shell (psql)
7 | 7 | Francesca Greenland | Cookie Double Choco
9 | 7 | Trixy Sallinger | Vermouth Sweet, Cinzano
(2 rows)

postgres=# UPDATE Public."LAB4" SET product_id = '8' WHERE customer_id = '9';
UPDATE 1
postgres=# SELECT * FROM Public."LAB4";
 customer_id | product_id | customer_name | product_name
-----
2 | 1 | Wenda Ketcher | Sparkling Wine - Rose, Freixenet
3 | 1 | Corrina Wrotham | Beer - Tetleys
4 | 8 | Skell Caws | Bread - Pumpkinickie, Rounds
5 | 8 | Barbara-anne Tomas | Maintenance Removal Charge
6 | 6 | Odella Teal | Hinnokiu Liason
7 | 7 | Francesca Greenland | Cookie Double Choco
8 | 2 | Guillemette Hartnell | Chicken Giblets
10 | 8 | Lindsey Chittock | Soho - Orange Carrot
9 | 8 | Trixy Sallinger | Vermouth Sweet, Cinzano
(9 rows)

postgres=# DROP TABLE Public."LAB4";
DROP TABLE
postgres=#
```

- Drop table from Database.