

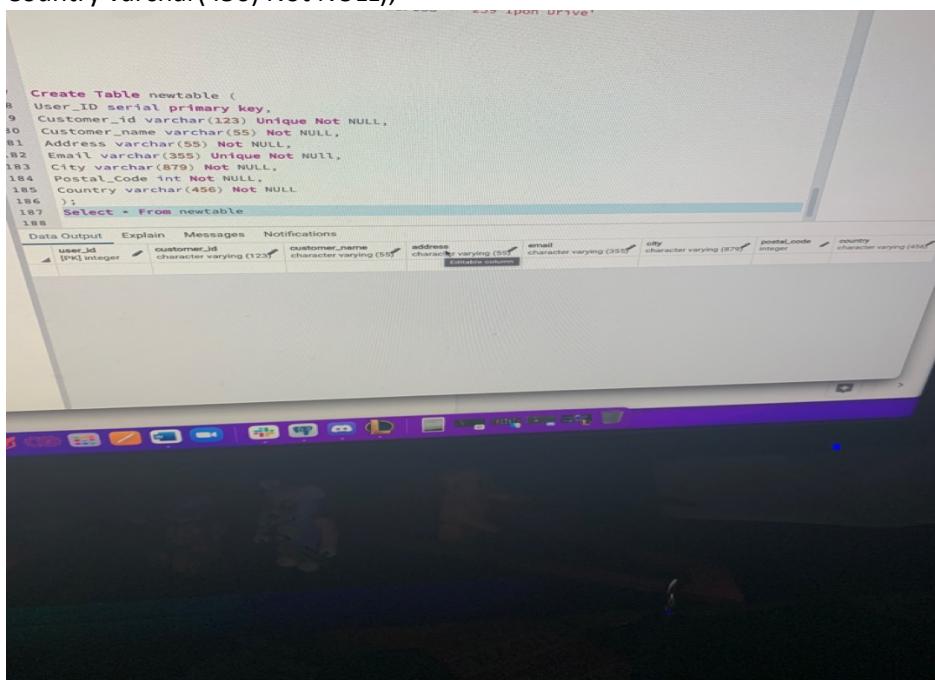
Name: Juan G

Lesson 9: Insert and Update

1. **Create** a table with the following parameters:

- o CustomerID
- o CustomerName
- o Address
- o City
- o PostalCode
- o Country
- o Email

```
Create Table newtable (
    User_ID serial primary key,
    Customer_id varchar(123) Unique Not NULL,
    Customer_name varchar(55) Not NULL,
    Address varchar(55) Not NULL,
    Email varchar(355) Unique Not NULL,
    City varchar(879) Not NULL,
    Postal_Code int Not NULL,
    Country varchar(456) Not NULL);
```



2. Insert 3 rows of data into these columns using **INSERT**. The data you insert should make sense for the column.

Insert Into newtable

```
(Customer_id,Customer_name,Address,Email,City,Postal_code,Country)
Values('1223','Juan G','213 LOL ST.','lndl@lol.com','NYC','10488', 'US'),('143','Juan
Gg','2134 LOL ST.','lol45@lol.com','NYC','10488', 'US'),
('1443','Juann Gg','2134 Lxd ST.','lol4s5@lol.com','NYC','10488', 'US')
```

```
6   );
7   Select * From newtable
8
9
90  Insert Into newtable (Customer_id,Customer_name,Address,Email,City,Postal_code,Country)
91  Values('1223','Juan G','213 LOL ST.','lndl@lol.com','NYC','10488', 'US'),('143','Juan
Gg','2134 LOL ST.','lol45@lol.com','NYC','10488', 'US'),
93 ('1443','Juann Gg','2134 Lxd ST.','lol4s5@lol.com','NYC','10488', 'US')
94  Select * From newtable
95
```

	Data Output	Explain	Messages	Notifications				
	user_id [PK] integer	customer_id character varying (123)	customer_name character varying (55)	address character varying (55)	email character varying (355)	city character varying (879)	postal_code integer	country character varying (456)
1	1 123	Juan G	213 LOL ST.	lndl@lol.com	NYC		10488	US
2	4 1223	Juan G	213 LOL ST.	lndl@lol.com	NYC		10488	US
3	5 143	Juan Gg	2134 LOL ST.	lol45@lol.com	NYC		10488	US
4	6 1443	Juann Gg	2134 Lxd ST.	lol4s5@lol.com	NYC		10488	US



3. Use an **UPDATE** to modify any portion of the data

Update newtable Set City = 'LA' Where Email = 'lol@lol.com';

```
0 Insert Into newtable (Customer_id,Customer_name,Address,Email,City,Postal_code,Country)
1 Values('1223','Juan G','213 LOL ST.', 'lol@lol.com', 'NYC', '10488', 'US')
2 ('1443','Juann Gg','2134 Lxd ST.', 'lol45@lol.com', 'NYC', '10488', 'US')
3
4 Select * From newtable
5 Update newtable Set City = 'LA' Where Email = 'lol@lol.com';
6
7
8
9
```

Data Output Explain Messages Notifications

	user_id [PK] integer	customer_id character varying (123)	customer_name character varying (55)	address character varying (55)	email character varying (355)	city character varying (879)	postal_code integer	country character varying (456)
1	4	1223	Juan G	213 LOL ST.	lol@lol.com	NYC	10488	US
2		5	143	Juan Gg	2134 LOL ST.	lol45@lol.com	NYC	10488 US
3		6	1443	Juann Gg	2134 Lxd ST.	lol45@lol.com	NYC	10488 US
4		1	123	Juan G	213 LOL ST.	lol@lol.com	LA	10488 US

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3. Finally, write a statement to **delete** one row of data.

Delete From newtable where Customer_id = '143'

```
194 Select * From newtable
195 Update newtable Set City = 'LA' Where Email = 'lol@lol.com';
196 Delete From newtable where Customer_id = '143';
197
198
199
```

Data Output Explain Messages Notifications

user_Id [PK] integer	customer_Id character varying (123)	customer_name character varying (55)	address character varying (55)	email character varying (355)	city character varying (879)	postal_code integer	country character varying (456)
1	4 1223	Juan G	213 LOL ST.	lodi@lol.com	NYC	10488	US
2	6 1443	Juann Gg	2134 Lxd ST.	lol4s5@lol.com	NYC	10488	US
3	1 123	Juan G	213 LOL ST.	lol@lol.com	LA	10488	US