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Lesson 9: Insert and Update

1. Create a table with the following parameters:

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

Query EditorQuery History

```
1 CREATE TABLE newtable (  
2 CustomerID serial PRIMARY KEY,  
3 CustomerName VARCHAR(255) NOT NULL,  
4 Address VARCHAR(255) NOT NULL,  
5 City VARCHAR(255) NOT NULL,  
6 PostalCode int NOT NULL,  
7 Email VARCHAR(255) NOT NULL);
```

Data OutputExplainMessagesNotifications

CREATE TABLE

Query returned successfully in 182 msec.

Query EditorQuery History

```
1 SELECT * FROM newtable;
```

Data OutputExplainMessagesNotifications

	customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (255)	postalcode integer	email character varying (255)

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

Query EditorQuery History

```
1 INSERT INTO newtable (customername,address,city,postalcode,email)  
2 VALUES ('John Smith','13 Main St', 'NY','10002','johnsmith@gmail.com'),  
3 ('Andrew Cohen','421 Valley Rd','Astoria','11102','andycohen@yahoo.com'),  
4 ('Jenny Kim','9283 Chestnut Ln','Bayside','11360','jkim@gmail.com');
```

Query EditorQuery History

```
1 SELECT * FROM newtable;
```

Data OutputExplainMessagesNotifications

	customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (255)	postalcode integer	email character varying (255)
1	1	John Smith	13 Main St	NY	10002	johnsmith@gmail.com
2	2	Andrew Cohen	421 Valley Rd	Astoria	11102	andycohen@yahoo.com
3	3	Jenny Kim	9283 Chestnut Ln	Bayside	11360	jkim@gmail.com

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

Query Editor

Query History

1

UPDATE

newtable

2

SET

city='NYC';

3

4

SELECT*FROM

newtable;

Data Output

Explain

Messages

Notifications

	customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (255)	postalcode integer	email character varying (255)
1	1	John Smith	13 Main St	NYC	10002	johnsmith@gmail.com
2	2	Andrew Cohen	421 Valley Rd	NYC	11102	andycohen@yahoo.com
3	3	Jenny Kim	9283 Chestnut Ln	NYC	11360	jkim@gmail.com

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

Query Editor

Query History

1

DELETE FROM newtable WHERE customername='Jenny Kim';

2

3

SELECT*FROM newtable;

Data Output

Explain

Messages

Notifications

	customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (255)	postalcode integer	email character varying (255)
1	1	John Smith	13 Main St	NYC	10002	johnsmith@gmail.com
2	2	Andrew Cohen	421 Valley Rd	NYC	11102	andycohen@yahoo.com