Name: Kenneth Bentley

Data Analytics 2

Lesson 9: Insert and Update

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

   CustomerID, CustomerName, Address, City, PostalCode, Country, Email

CREATE TABLE newtable (

   CustomerID SERIAL PRIMARY KEY,

   CustomerName VARCHAR(255) NOT NULL,

   Address VARCHAR(255),

   City VARCHAR(100),

   PostalCode VARCHAR(30),

   Country VARCHAR(100),

   Email VARCHAR(255) NOT NULL);

SELECT * FROM newtable;

Data Output	Explain	Messages	Notifications			
customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (100)	postalcode character varying (30)	country character varying (100)	

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

INSERT INTO newtable (CustomerName, Address, City, PostalCode, Country, Email)

VALUES

   ('James Taylor', '34 Smart St', 'North Hampton', '34487', 'USA', 'jtayor@james.com'),

   ('Ginny Steak', '301 4th St', 'New York', '10045', 'USA', 'ginny@aol.com'),

   ('Fahad Davis', '456 Intervale Ave', 'Bronx', '10456', 'USA', 'fa.da@yahoo.com')

SELECT * FROM newtable;

customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (100)	postalcode character varying (30)	country character varying (100)
1	1 James Taylor	34 Smart St	North Hampton	34487	USA
2	2 Ginny Steak	301 4th St	New York	10045	USA
3	3 Fahad Davis	456 Intervale Ave	Bronx	10456	USA

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

UPDATE newtable

SET address='76 1st Ave', postalcode='10001'

WHERE customername='Ginny Steak';

SELECT * FROM newtable;

customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (100)	postalcode character varying (30)	country character varying (100)	email character varying (255)
1	1 James Taylor	34 Smart St	North Hampton	34487	USA	jtayor@james.com
2	3 Fahad Davis	456 Intervale Ave	Bronx	10456	USA	fa.da@yahoo.com
3	2 Ginny Steak	76 1st Ave	New York	10001	USA	ginny@aol.com

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

DELETE FROM newtable WHERE customername='Fahad Davis';

SELECT * FROM newtable;

customerid [PK] integer	customername character varying (255)	address character varying (255)	city character varying (100)	postalcode character varying (30)	country character varying (100)	email character varying (255)
1	1 James Taylor	34 Smart St	North Hampton	34487	USA	jtayor@james.com
2	2 Ginny Steak	76 1st Ave	New York	10001	USA	ginny@aol.com