

1.

```
sdavis08=> \copy weather(city, date, temp_lo, temp_hi, prcp) from copy-to-weather.txt  
COPY 2
```

```
LINE 1: SELECT FROM[weather]
```

^

```
sdavis08=> SELECT city, temp_lo, temp_hi, prcp, date FROM weather;
```

city	temp_lo	temp_hi	prcp	date
birmingham	60	80	3.55	2005-10-12
tuscaloosa	60	75	10	2005-10-02

(2 rows)

```
sdavis08=> INSERT INTO weather VALUES ('San Francisco', 46, 50, 0.25, '1994-11-27');  
INSERT 0 1
```

```
sdavis08=> SELECT city, temp_lo, temp_hi, prcp, date FROM weather;
```

city	temp_lo	temp_hi	prcp	date
birmingham	60	80	3.55	2005-10-12
tuscaloosa	60	75	10	2005-10-02
San Francisco	46	50	0.25	1994-11-27

(3 rows)

```
sdavis08=> INSERT INTO weather VALUES ('New York', -10, 45, 0.25, '1905-11-09');  
INSERT 0 1
```

```
sdavis08=> SELECT city, temp_lo, temp_hi, prcp, date FROM weather;
```

city	temp_lo	temp_hi	prcp	date
birmingham	60	80	3.55	2005-10-12
tuscaloosa	60	75	10	2005-10-02
San Francisco	46	50	0.25	1994-11-27
New York	-10	45	0.25	1905-11-09

(4 rows)

2.

```
sdavis08=> INSERT INTO cities VALUES ('San Francisco', '(-194.0, 53.0)');
INSERT 0 1
sdavis08=> SELECT * FROM cities;
      name      | location
-----+-----
San Francisco | (-194,53)
(1 row)
```

```
sdavis08=> INSERT INTO cities VALUES ('Pearson', '(-555.0, 91.0)');
INSERT 0 1
sdavis08=> SELECT * FROM cities;
      name      | location
-----+-----
San Francisco | (-194,53)
Pearson       | (-555,91)
(2 rows)
```

3.

```
sdavis08=> SELECT *
FROM weather, cities
WHERE city = name;
      city      | temp_lo | temp_hi | prcp | date       | name      | location
-----+-----+-----+-----+-----+-----+-----
San Francisco | 46      | 50      | 0.25 | 1994-11-27 | San Francisco | (-194,53)
(1 row)
```

```
sdavis08=> SELECT name, city, temp_lo, temp_hi, prcp, date, location
FROM weather, cities
WHERE name = city;
      name      | city      | temp_lo | temp_hi | prcp | date       | location
-----+-----+-----+-----+-----+-----+-----
San Francisco | San Francisco | 46      | 50      | 0.25 | 1994-11-27 | (-194,53)
(1 row)
```

```

sdavis08=> UPDATE weather SET temp_lo = 666, temp_hi = 999;
UPDATE 4
sdavis08=> SELECT * FROM weather
sdavis08-> ;

```

city	temp_lo	temp_hi	prcp	date
birmingham	666	999	3.55	2005-10-12
tuscaloosa	666	999	10	2005-10-02
San Francisco	666	999	0.25	1994-11-27
New York	666	999	0.25	1905-11-09

(4 rows)

4.

```

sdavis08=> DELETE FROM weather WHERE city = 'San Francisco';
DELETE 1
sdavis08=> SELECT * FROM weather
;

```

city	temp_lo	temp_hi	prcp	date
birmingham	666	999	3.55	2005-10-12
tuscaloosa	666	999	10	2005-10-02
New York	666	999	0.25	1905-11-09

(3 rows)

```

sdavis08=> ALTER TABLE cities ADD COLUMN description text;
ALTER TABLE
sdavis08=> SELECT * FROM cities;

```

name	location	description
San Francisco	(-194,53)	
Pearson	(-555,91)	

(2 rows)

```

sdavis08=> ALTER TABLE cities RENAME COLUMN description TO population;
ALTER TABLE
sdavis08=> SELECT * FROM cities;

```

name	location	population
San Francisco	(-194,53)	
Pearson	(-555,91)	

(2 rows)

5.

I Silas Davis declare that I have completed this assignment completely and entirely on my own, without any consultation with others. I understand that any breach of the UAB Academic Honor Code may result in severe penalties.

Silas Davis