

1. CREATE DATABASE call_list;
 - \c call_list; (entramos en la base de datos)
2. CREATE TABLE users (id INTEGER PRIMARY KEY, first_name VARCHAR(60), email VARCHAR(50));
 - \d users; (revisamos que id este como primary key)
3. INSERT INTO users (id, first_name, email) VALUES (1, 'Carlos', 'carlos@mail.com');
4. INSERT INTO users (id, first_name, email) VALUES (2, 'Laura', 'laura@mail.com');
5. CREATE TABLE calls (id INTEGER PRIMARY KEY, phone VARCHAR(11), date DATE, users_id INTEGER REFERENCES users (id));
 - \d calls; (revisamos que id este como primary key, y que user_id este como foreign key)
6. ALTER TABLE users ADD COLUMN last_name VARCHAR(50);
7. UPDATE users SET last_name = 'Perez' WHERE id = 1;
8. UPDATE users SET last_name = 'Espinoza' WHERE id = 2;
9. Llamadas de Laura:
 - INSERT INTO calls (id, phone, date, users_id) VALUES (5, '948541738', '2018-11-12', 2);
 - INSERT INTO calls (id, phone, date, users_id) VALUES (6, '938541738', '2018-10-12', 2);
 - INSERT INTO calls (id, phone, date, users_id) VALUES (7, '944541738', '2018-10-11', 2);
 - INSERT INTO calls (id, phone, date, users_id) VALUES (8, '944544538', '2018-10-10', 2);

- INSERT INTO calls (id, phone, date, users_id) VALUES (9, '945545538', '2018-10-09', 2);
- INSERT INTO calls (id, phone, date, users_id) VALUES (10, '944544538', '2018-09-08', 2)





10. Llamadas de Carlos:





- INSERT INTO calls (id, phone, date, users_id) VALUES (1, '948501788', '2018-10-21', 1);
- INSERT INTO calls (id, phone, date, users_id) VALUES (2, '948501798', '2018-11-21', 1);
- INSERT INTO calls (id, phone, date, users_id) VALUES (3, '948501738', '2018-11-11', 1);
- INSERT INTO calls (id, phone, date, users_id) VALUES (4, '948541738', '2018-11-12', 1);

11. INSERT INTO users (id, first_name, email, last_name) VALUES (3, 'Rodolfo', 'rodolfo@mail.com', 'Pena');

12. SELECT first_name, count(calls.id) FROM users FULL JOIN calls ON (users.id = calls.users_id) GROUP BY first_name;

13. SELECT phone, date FROM users FULL JOIN calls ON (users.id = calls.users_id) ORDER BY date DESC;

users		
	id	integer ●
	first_name	varchar(60) ○
	last_name	varchar(60) ○
	email	varchar(50) ○

calls		
	id	integer ●
	phone	varchar(11) ○
	date	date ○
	user_id	integer ●

