1.

CREATE DATABASE call\_list;

2.

CREATE TABLE users (id SERIAL PRIMARY KEY, first\_name VARCHAR(20), email VARCHAR(30));

3.

INSERT INTO users (first\_name, email) VALUES ('Carlos', 'carlos@gmail.com');

4.

INSERT INTO users (first\_name, email) VALUES ('Laura', 'laurita@gmail.com');

5.

CREATE TABLE calls (id SERIAL PRIMARY KEY, phone VARCHAR(11), date DATE, user\_id INTEGER REFERENCES users(id));

6.

ALTER TABLE users ADD COLUMN last\_name VARCHAR(20);

7.

UPDATE users SET last\_name = 'Magno' WHERE first\_name = 'Carlos';

8.

UPDATE users SET last\_name = 'Pausini' WHERE first\_name = 'Laura';

9.

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513341', '01/01/2011', 2);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513342’, '01/01/2012’, 2);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513343’, '01/01/2013’, 2);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513344’, '01/01/2014’, 2);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513345’, '01/01/2015’, 2);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513346’, '01/01/2016’, 2);

10.

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513351', '02/02/2011', 1);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513352’, '02/02/2012’, 1);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513353’, '02/02/2013’, 1);

INSERT INTO calls (phone, date, user\_id) VALUES ('56992513354’, '02/02/2014’, 1);

11.

INSERT INTO users (first\_name, email, last\_name) VALUES ('Crustacio', 'crusti@gmail.com', 'Leon');

12.

SELECT first\_name, count(first\_name) FROM users INNER JOIN calls ON (users.id = calls.user\_id) GROUP BY first\_name;

13.

SELECT \* FROM users INNER JOIN calls ON (users.id = calls.user\_id) WHERE first\_name = 'Carlos' ORDER BY date DESC;

14.

ALTER TABLE calls ADD COLUMN deleted BOOLEAN;

CREATE TABLE audit (id SERIAL PRIMARY KEY, call\_id INTEGER REFERENCES calls(id), user\_id INTEGER REFERENCES users(id), reason VARCHAR (40));

