

ASSESSMENT TEST 3

1. Create a new database called "School" this database should have two tables: teachers and students.

The students table should have columns for student_id, first_name, last_name, homeroom_number, phone, email, and graduation year.

The teachers table should have columns for teacher_id, first_name, last_name, homeroom_number, department, email, and phone.

The constraints are mostly up to you, but your table constraints do have to consider the following:

1. We must have a phone number to contact students in case of an emergency;
2. We must have ids as the primary key of the tables;
3. Phone numbers and emails must be unique to the individual.

Once you've made the tables, insert a student named Mark Watney (student_id=1) who has a phone number of 777-555-1234 and doesn't have an email. He graduates in 2035 and has 5 as a homeroom number.

Then insert a teacher names Jonas Salk (teacher_id = 1) who as a homeroom number of 5 and is from the Biology department. His contact info is: jsalk@school.org and a phone number of 777-555-4321.

RESPOSTA:

- Criar tabela "students":

```
CREATE TABLE students (  
  student_id serial PRIMARY KEY,  
  first_name VARCHAR(45) NOT NULL,  
  last_name VARCHAR(45) NOT NULL,  
  homeroom_number integer,  
  phone VARCHAR(20) UNIQUE NOT NULL,  
  email VARCHAR(115) UNIQUE,  
  grad_year integer  
)
```

- Criar tabela "teachers":

```
CREATE TABLE teachers (  
    teacher_id serial PRIMARY KEY,  
    first_name VARCHAR(45) NOT NULL,  
    last_name VARCHAR(45) NOT NULL,  
    homeroom_number integer,  
    department VARCHAR(45),  
    email VARCHAR(20) UNIQUE,  
    phone VARCHAR(20) UNIQUE  
)
```

- Add dados aluno:

```
INSERT INTO students(first_name,last_name,  
homeroom_number,phone,grad_year)  
VALUES ('Mark','Watney',5,'7755551234',2035)
```

- Add dados professor:

```
INSERT INTO teachers(first_name,last_name,  
homeroom_number,department,email,phone)  
VALUES  
('Jonas','Salk',5,'Biology','jsalk@school.org','7755554321')
```