**ASSESSMENT 3**

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.

ANSWER

CREATE TABLE student(

student\_id SERIAL PRIMARY KEY,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

homeroom\_number SMALLINT NOT NULL,

phone VARCHAR(20) UNIQUE NOT NULL,

email VARCHAR(50) UNIQUE,

graduation\_year SMALLINT NOT NULL

);

ANSWER

CREATE TABLE teachers(

teacher\_id SERIAL PRIMARY KEY,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

homeroom\_number SMALLINT NOT NULL,

department VARCHAR(50),

email VARCHAR(50) UNIQUE,

phone VARCHAR(50) UNIQUE NOT NULL

);

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.

ANSWER

INSERT INTO students(first\_name,

last\_name,

phone,

homeroom\_number,

graduation\_year

)VALUES(

'Mark',

'Watney',

'777-555-1234',

5,

'2035'

);

ANSWER

INSERT INTO teachers(first\_name,

last\_name,

phone,

homeroom\_number,

email,

department

)VALUES(

'Jonas',

'Salk',

'777-555-4321',

5,

'jsalk@school.org',

'Biology'

);