



Solutions to Assessment Test 3

To create the database simply right-click on the databases drop down menu and select "New Database".

Then you can use the following SQL scripts to execute the tasks:

To create the students table:

```
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);
```

To create the teachers table:

```
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);
```

Then for inserting the student information:

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

Then for inserting the teacher information:

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