CS2550 Fall 2013
SQL Assignment #8 - Expected Results

1. List the student ID and name of the student that has enrolled the most times.
Arrange the list in alphabetical order.

```
STUDENT_ID FIRST_NAME                LAST_NAME
---------- ------------------------- -------------------------
       124 Daniel                    Wicelinski
       214 Yvonne                    Williams
```
(1 Row)

2. List the zip code, name and phone number of instructors who teach students that live in same zipcode as the instructor.

```
FIRST_NAME      LAST_NAME      PHONE
------------    ----------     ---------------
Nina            Schorin        2125551212
Todd            Smythe         2125551212
```
(2 Rows)

3. Provide a list of names and cities of students and instructors that live in zipcode 10025. Identify each person's role as either "Student" or "Instructor". Sort the list by role, last name and first name.

```
FIRST_NAME LAST_NAME    CITY         ROLE
---------- ------------ ------------ ----------
Charles    Lowry        New York     Instructor
Nina       Schorin      New York     Instructor
Todd       Smythe       New York     Instructor
Tom        Wojick       New York     Instructor
Jerry      Abdou        New York     Student
Nicole     Gillen       New York     Student
Frank      Pace         New York     Student
```
(7 Rows)

4. Create a query that lists location, number of sections taught in that location and number of students enrolled in courses at that location. Sort by location.

```
LOCATION      SECTIONS    STUDENTS
----------    ----------  ----------
H310              1           1
L206              1           8
L210             10          29
L211              3          10
L214             15          36
L500              2          14
L507             15          36
L509             25          72
L511              1           3
M200              1           1
M311              3          11
M500              1           5
```
(12 rows)

5. Create a query that shows all of the individual grades for student 127 in section 95 and also the average of those grades. The individual grades should come first with the average at the bottom. List the grade type code and numeric grade. The average row should have a caption of, "Average for student 127".

```
GRADE_TYPE_CODE          GRADE
-----------------------  ------
QZ                        92.00
QZ                        91.00
PA                        91.00
MT                        88.00
HM                        74.00
HM                        84.00
HM                        84.00
HM                        74.00
FI                        85.00
Average for student 127  84.78
```
(10 rows)