CS2550 Fall 2014
SQL Assignment #6 - Expected Results

1. List the student ID of the student that has enrolled in the most sections of 100 level courses (100 - 199).

```
STUDENT_ID
----------
       214
```
(1 Row)

2. Provide the student_id and name of the student that scored highest on the final exam (FI) in course 230 section 100.

```
STUDENT_ID LAST_NAME     FIRST_NAME
---------- ----------  ------------
   262      Walston     Donna
```
(1 Row)

3. Provide an alphabetic listing of instructors who have never taught a course section.
List the salutation, first name, last name and zip code.

```
SALUTATION FIRST_NAME   LAST_NAME    ZIP
---------- ------------ ----------- -----
Hon        Rick         Chow         10015
Ms         Irene        Willig
```
(2 Rows)

4. Generate an alphabetic listing containing the last names and final exam grade (FI) of students who scored above average on the final exam for section 90.

```
LAST_NAME                    NUMERIC_GRADE
------------------------- -------------
Da Silva                             92
Lopez                                91
```
(2 Rows)

5. List the course number and course description of the courses with the highest number of enrolled students. Arrange the list on course number.

```
COURSE_NO DESCRIPTION
--------- -------------------------------------------------
       25 Intro to Programming
```
(1 Row)

6. List course number and course description for all courses that have at least one 10:30AM section. Sort by course number.

```
COURSE_NO DESCRIPTION
--------- -------------------------------------------------
       25 Intro to Programming
      140 Systems Analysis
      144 Database Design
      147 GUI Design Lab
      330 Network Administration
      450 DB Programming with Java
```
(6 Rows)

7. List the student_id and last_name of students who received a below average grade on the third quiz in section 135.
Sort by last name.

```
STUDENT_ID LAST_NAME
---------- -------------------------
       215 Chatman
       259 Merriman
```
(2 Rows)

8. Provide an alphabetic list containing the full names and phone numbers of students who have taken both the Systems Analysis and the Project Management courses.

```
FIRST_NAME      LAST_NAME       PHONE
------------ ------------- ---------------
Judy          Cahouet        718-555-5555
E.A.          Torres         718-555-5555
```
(2 Rows)

9. List the instructor name, course number and course description of the Java courses that have been taught by the Instructor that has taught the most Java courses.
Sort on instructor name and course description.

```
FIRST_NAME      LAST_NAME      COURSE_NO DESCRIPTION
------------ ------------ --------- ------------------
Fernand       Hanks         450       DB Programming with Java
Fernand       Hanks         122       Intermediate Java Programming
Fernand       Hanks         120       Intro to Java Programming
Fernand       Hanks         125       Java Developer I
Fernand       Hanks         146       Java for C/C++ Programmers
```
(5 rows)

10. (Optional Extra Credit) List the student id, last name and the calculated (weighted) final grade for students in section 143.

```
STUDENT_ID      LAST_NAME        FINAL_GRADE
------------- --------------- -----------
        142     Waldman          86.47
        201     Lefbowitz        86.92
```
(2 Rows)