

# CS2550 Fall 2013

## 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

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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

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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

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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

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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

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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

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      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

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      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

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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

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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)**