

# CS2550 Fall 2014

## SQL Assignment #10 - Expected Results

**1. Insert a new instructor: Mr. Hugo Reyes with an ID of 815. His address is 2342 Oceanic Way, Bayonne, NJ, 07002. He doesn't have a phone number .**

inserted 1 row

(1 Row)

**2. Create a new section ID of 48 for Mr. Reyes. He'll be teaching section 4 of the Project Management Course (142) beginning on September 22, 2011 at 8:15am in Room L211. The capacity is 15 students.**

1 rows inserted

(1 Row)

**3. Enroll students 375, 137, 266 and 382 in the course. Their enrollment date should be the current date. (Use ONE INSERT statement)**

4 rows inserted

(4 Rows)

**4. Remove the enrollment for student 147 from section 120.**

**Note the error. You cannot delete the enrollment record because there are foreign keys in the Grade table that depend on the Enrollment table records, thus creating an integrity constraint violation.**

**First remove all grades for student 147, section 120 and then remove the enrollment for student 147, section 120. (Use two DELETE statements)**

11 rows deleted

(11 Rows)

1 rows deleted

(1 Row)

**5. Use the same procedure to remove the enrollment record for student 180 in section 119.**

9 rows deleted

(11 Rows)

1 rows deleted

(1 Row)

**6. Change Mr. Reyes' (ID 815) phone number to be 4815162342.**

1 rows updated

(1 Row)

**7. Change the grade on the first homework (HM) assignment for each student in section 119 to 100.**

3 rows updated  
(3 Rows)

**8. Increase the final exam (FI) score for each student in section 119 by 10 percent.**

3 rows updated  
(3 Rows)

**9. For each section of the Project Management course, list the section ID, location and number of students enrolled. Sort by section ID**

SECTION_ID	LOCATION	ENROLLED
48	L211	4
119	L211	3
120	L214	2
121	L507	0

(4 Rows)

**10. Provide an alphabetic list of instructor names and addresses for instructors that teach the Project Management course.**

FIRST_NAME	LAST_NAME	PHONE
Anita	Morris	2125551212
Gary	Pertez	2125551212
Hugo	Reyes	4815162342
Nina	Schorin	2125551212

(4 Rows)

**11. Provide a list of students in section 119 along with their average numeric grade. Include the student id, student name and average grade. Format the average to two places. Sort by student ID.**

STUDENT_ID	FIRST_NAME	LAST_NAME	AVERAGE
193	Al	Jamerncy	86.56
220	Robert	Segall	87.56
223	Frank	Pace	86.11

(3 Rows)

**12. Create a query to determine the number of instructors who have taught more than 3 students in a course section taught in Room L211.**

NUMBEROFINSTRUCTORS
1

(1 Row)

**13. Create a list of instructors that have taught only the Project Management course (142). List the instructor's name (salutation, first name, last name) and their phone number.**

INSTRUCTOR	PHONE
Mr. Hugo Reyes	481-516-2342

**(1 Row)**

**14. List student names, section id and course number for students that have not yet received any grades in the course section.**

FIRST_NAME	LAST_NAME	SECTION_ID	COURSE_NO
James	Miller	48	142
Jack	Kasperovich	48	142
Kate	Page	48	142
Michael	Miroff	48	142

**(4 Rows)**

**15. Create a query that will list each unique section start time along with the number of unique courses (not sections) that have been taught at that time. Sort by start time.**

STARTTIME	NUMBER_OF_COURSES
08:15AM	1
09:30AM	23
10:30AM	6
11:30AM	1

**(4 Rows)**