

# CS2550 Fall 2014

## SQL Assignment #1 - Expected Results

**1. List the names (first and last name) of all instructors in alphabetical order (last name then first name) .**

**(10 Rows)**

FIRST_NAME	LAST_NAME
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Rick	Chow
Marilyn	Frantzen
Fernand	Hanks
Charles	Lowry
Anita	Morris
Gary	Pertez
Nina	Schorin
Todd	Smythe
Irene	Willig
Tom	Wojick

**2. Provide a list of distinct locations that have been used to teach sections of courses. Arrange the list in order of location.**

**(12 Rows)**

LOCATION
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H310
L206
L210
L211
L214
L500
L507
L509
L511
M200
M311
M500

**3. List the first and last names of Instructors with a last name starting with “W”.  
Sort them in alphabetical order.**

**(2 Rows)**

FIRST_NAME	LAST_NAME
Irene	Willig
Tom	Wojick

**4. List the phone number, full name (as one column) and employer for all students with a last name of “Miller”.**

**Sort by phone number**

**(3 Rows)**

PHONE	FULLNAME	EMPLOYER
203-555-5555	Morty Miller	Crane Co.
718-555-5555	James Miller	DUCCA
718-555-5555	Mark Miller	New York Culture

**5. List the course number and course description of all courses that have a prerequisite of course 20.**

**Arrange in order of course number.**

**(5 Rows)**

COURSE_NO	DESCRIPTION
100	Hands-On Windows
140	Systems Analysis
142	Project Management
147	GUI Design Lab
204	Intro to SQL

**6. List the course number, description and cost for all 200 level courses (200-299) costing less than \$1100.**

**Arrange by course number.**

**(2 Rows)**

COURSE_NO	DESCRIPTION	COST
230	Intro to the Internet	1095
240	Intro to the BASIC Language	1095

**7. List the course number and section id for all 100 level courses (100 through 199) that are taught in room L211 or L214.**

**(12 Rows)**

COURSE_NO	SECTION_ID
100	141
100	145
122	153
124	128
125	132
125	133
130	135
135	113
142	119
142	120
144	122
145	123

**8. List the course number and section id for classes with a capacity of 10 or 12 (use the IN clause). Order the list by course number and section id.**

**(2 Rows)**

COURSE_NO	SECTION_ID
230	99
240	101

**9. List the student id and grade for all of the final exam scores (FI) in section id 147. Arrange the list by student id and grade.**

**(8 Rows)**

STUDENT_ID	NUMERIC_GRADE
146	84
149	85
156	76
157	77
208	88
209	99
210	90
232	91

**10. List the course number and description for all 200 level courses that have a prerequisite, arranged on course description.**

**(5 Rows)**

COURSE_NO	DESCRIPTION
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204	Intro to SQL
240	Intro to the BASIC Language
230	Intro to the Internet
210	Oracle Tools
220	PL/SQL Programming.