

CS2550 Fall 2013

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

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.

```
SELECT Course_NO, Section_ID
FROM Section
WHERE Capacity IN (10,12)
ORDER BY Course_No, 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
204	Intro to SQL
240	Intro to the BASIC Language
230	Intro to the Internet
210	Oracle Tools
220	PL/SQL Programming.