

CS2550 Fall 2014

SQL Assignment #5 – Expected Results

1. List the course number and description and cost for all courses taught by Charles Lowry. Arrange the list in order of course number.

COURSE_NO	DESCRIPTION	COST
25	Intro to Programming	1195
120	Intro to Java Programming	1195
122	Intermediate Java Programming	1195
125	Java Developer I	1195
132	Basics of Unix Admin	1195
140	Systems Analysis	1195
145	Internet Protocols	1195
230	Intro to the Internet	1095
420	Database System Principles	1195

(9 rows)

2. List the highest grade on the final exam that was given to a student in course 130.

HIGHEST_FINAL_GRADE
99

(1 Row)

3. List the full name and phone number for students that live in New York, NY. Sort on last name and first name.

FIRST_NAME	LAST_NAME	PHONE
Jerry	Abdou	718-555-5555
Nicole	Gillen	904-555-5555
Paul	Lefkowitz	212-555-5555
Frank	Pace	203-555-5555

(4 Rows)

4. List the grade type code, description and number per section of all grades possible in course 220. Arrange by description.

GRADE_TYPE_CODE	DESCRIPTION	NUMBER_PER_SECTION
FI	Final	1
HM	Homework	4
MT	Midterm	1
PA	Participation	1
QZ	Quiz	2

(5 Rows)

5. Provide an alphabetic list of students (student ID and name) who have an overall grade average that is a C or lower (less than 80).

The name should be one column, last name first and sorted on last name then first name.

STUDENT_ID	STUDENT_NAME
152	Edwards, Thomas
173	McGill, Oscar
169	McLean, Frantz

(3 Rows)

6. List the cost and number of courses at that cost, but only for costs that apply to more than 2 courses .

Sort by cost.

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*****
      COST      COURSES
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      1095         3
      1195        25
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(2 Rows)

7. List the course number and number of students enrolled in courses that don't have a prerequisite. Sort the list by number of students enrolled from lowest to highest.

COURSE_NO	ENROLLED
10	1
146	3
310	4
20	9

(4 Rows)

8. Provide a list of students (full name, enroll date and time) from Stamford, CT who enrolled after the cutoff (February 19, 2007 at 10:20am).

Sort alphabetically on student.

FIRST_NAME	LAST_NAME	ENROLL_DATE
Frank	Bunnell	19-FEB-2007 10:22 AM
Charles	Caro	21-FEB-2007 10:22 AM

(2 Rows)

9. Provide a listing of courses (course number and description) that include projects (search Project - not PJ) as a part of their grade.

Arrange by course number.

COURSE_NO	DESCRIPTION
20	Intro to Information Systems
25	Intro to Programming
100	Hands-On Windows
120	Intro to Java Programming
122	Intermediate Java Programming
124	Advanced Java Programming
125	Java Developer I
130	Intro to Unix
135	Unix Tips and Techniques

(9 rows)

10. For all 300 level courses (300-399), list the course number, prerequisite course number and prerequisite course description. Sort by course number.

COURSE_NO	PREREQUISITE	DESCRIPTION
330	130	Intro to Unix
350	125	Java Developer I

(2 Rows)