

# CS2550 Fall 2013

## SQL Assignment #5 - Expected Results

**1. List the full name and phone number for students that live in Newark, NJ.**

**Sort on last name and first name.**

| FIRST_NAME | LAST_NAME | PHONE        |
|------------|-----------|--------------|
| Howard     | Leopta    | 201-555-5555 |
| Deborah    | Reyes     | 201-555-5555 |
| Paul       | Sikinger  | 201-555-5555 |

**(3 Rows)**

**2 List the highest grade on the final exam that was given to a student in course 145.**

| HIGHEST_FINAL_GRADE |
|---------------------|
| 92                  |

**(1 Row)**

**3. List the course number and description and cost for all courses taught by Tom Wojick.**  
**Arrange the list in order of course number.**

| COURSE_NO | DESCRIPTION                 | COST |
|-----------|-----------------------------|------|
| 10        | Technology Concepts         | 1195 |
| 25        | Intro to Programming        | 1195 |
| 100       | Hands-On Windows            | 1195 |
| 120       | Intro to Java Programming   | 1195 |
| 124       | Advanced Java Programming   | 1195 |
| 125       | Java Developer I            | 1195 |
| 134       | Advanced Unix Admin         | 1195 |
| 140       | Systems Analysis            | 1195 |
| 146       | Java for C/C++ Programmers  | 1195 |
| 240       | Intro to the BASIC Language | 1095 |

**(10 rows)**

**4. List the grade type code, description and number per section of all grades possible in course 144. Arrange by description.**

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

**(5 Rows)**

**5. Provide an alphabetic list of students (student ID and name) who have an overall grade average of 93 or higher.**

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

| STUDENT_NAME    |
|-----------------|
| -----           |
| Carcia, Michael |
| Diokno, M.      |
| Moffat, Edgar   |

**(3 Rows)**

**6. List the names and address (including city and state) for all faculty who have taught less than 10 course sections. Sort the names alphabetically.**

| FIRST_NAME | LAST_NAME | STREET_ADDRESS | CITY     | STATE | ZIP   |
|------------|-----------|----------------|----------|-------|-------|
| -----      | -----     | -----          | -----    | ----- | ----- |
| Fernand    | Hanks     | 100 East 87th  | New York | NY    | 10015 |
| Charles    | Lowry     | 518 West 120th | New York | NY    | 10025 |

**(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 highest to lowest.**

| COURSE_NO | ENROLLED |
|-----------|----------|
| -----     | -----    |
| 20        | 9        |
| 310       | 4        |
| 146       | 3        |
| 10        | 1        |

**(4 Rows)**

**8. Provide an alphabetic list of students (full name and phone number) from Flushing, NY who enrolled prior to 10:20am on February 2, 2007.**

| FIRST_NAME | LAST_NAME | PHONE        |
|------------|-----------|--------------|
| Mardig     | Abdou     | 718-555-5555 |
| Anil       | Kulina    | 718-555-5555 |

**(2 Rows)**

**9. Provide a listing of courses that include projects (Project - not PJ) as a part of their grade. Arrange by course number.**

| COURSE_NO |
|-----------|
| 20        |
| 25        |
| 100       |
| 120       |
| 122       |
| 124       |
| 125       |
| 130       |
| 135       |

**(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)**