

CS2550 Fall 2014

SQL Assignment #2 - Expected Results

1. Provide an alphabetical list of the full name and phone number of all students that work for 'Board Utilities' (the full name should be displayed as one column with an alias of 'Student Name')

(3 Rows)

Student Name	PHONE
Sheradha Malone	718-555-5555
Frank Pace	203-555-5555
Robert Segall	203-555-5555

2. Provide a list of student employers that have "Systems" in the company name. List each employer only once and arrange the list alphabetical order.

(2 Rows)

EMPLOYER
Amer.Legal Systems
Health Mgmt.Systems

3. Provide an alphabetical list of students in area code 212. List student name in the format <last name (all upper case)>, <first initial>. (Example, LOCKE, J.) followed by the phone number.

(5 Rows)

Student Name	PHONE
JAMERNCY, A.	212-555-5555
LEFKOWITZ, P.	212-555-5555
PINEDA, S.	212-555-5555
PUETRINO, P.	212-555-5555
ROBICHAUD, B.	212-555-5555

4. List the name and address of all students without a phone number.

(1 Row)

Student	STREET_ADDRESS	ZIP
Peggy Noviello	155 Union Ave #211	07070

5. Provide a list of zip codes for Jersey City, NJ.

Sort on zip.

(4 Rows)

```
ZIP
-----
07302
07304
07306
07307
```

6. List the course number and location for all courses taught in building 'M'.

Arrange the list on course number.

(5 Rows)

```
COURSE_NO  LOCATION
-----
          25      M311
         122      M311
         124      M500
         135      M200
         420      M311
```

7. Provide a list containing full state name, state abbreviation and city from the zip code table for the states of MA, FL and GA. (You'll need to use the CASE expression).

MA is Massachusetts, FL is Florida and GA is Georgia.

Sort by city.

(7 Rows)

```
State Name    STATE CITY
-----
Georgia       GA      Atlanta
Florida       FL      Boca Raton
Massachusetts MA      Dorchester
Massachusetts MA      North Adams
Massachusetts MA      Sandwich
Massachusetts MA      Tufts Univ. Bedford
Massachusetts MA      Weymouth
```

8. Create a listing containing single column address (salutation, first name, last name, address, zip) as 'Instructor Address' for each instructor in zip code 10025. Sort the list in alphabetical order.

(4 Rows)

Instructor Address

Mr. Charles Lowry 518 West 120th 10025
Ms. Nina Schorin 210 West 101st 10025
Rev. Todd Smythe 210 West 101st 10025
Mr. Tom Wojick 518 West 120th 10025

9. List the student id and final exam score for each student in section 87. List the scores from highest to lowest.

(7 Rows)

STUDENT_ID	NUMERIC_GRADE
-----	-----
123	99
256	92
254	91
124	90
122	88
121	77
107	76

10. List the student ID, final exam (FI) score and exam result ('PASS' or 'FAIL') for all students in section 103. A final score of 85 or higher is required to pass . Arrange the list by student ID.

(4 Rows)

STUDENT_ID	NUMERIC_GRADE	RESULT
-----	-----	-----
119	76	FAIL
120	77	FAIL
238	88	PASS
243	99	PASS