

Due Date: Sep 8, 2015 11:00 PM (Late date Sep 9, 11:00 pm)

Points: 35 point max

## General Directions

This assignment uses the tables associated with the vets database. These tasks focus on the use of expressions in the Select clause and the use of the Where clause

Review the general Assignment Rules as required. Read the document on the Vets tables for definitions of terms such as 'reptile'

There are some specific rules for this assignment.

- 1) Each query uses only a single table
- 2) If a task uses the English word between- it is the inclusive SQL key word Between.
- 3) Because I want you to focus on the use of specific operators, for this assignment you may use only the following operators in the Where clause.
  - Is Null
  - Is Not Null
  - In (*list*)
  - Not In (*list*)
  - Between *exp1* And *exp2*
  - Direction comparisons: =, !=, >, >=, <, <=

Specifically you may not use the Like operator or logical operators. If you use any of those operators in a query, you will receive no points for that task.

- 4) Remember, if a sample display is provided, use that to determine the column order and column aliases to use in your result set. The sample data will not generally match the data in your tables. Do not try to match the column widths of the sample displays shown here.

## Tasks

**Task 01:** Tasks The vet wants a list of all of the **different** places where our clients live. Display the different postal codes, cities and states for our clients who live in California or Nevada.  
This is a single column. Format the column as shown here; there is a colon and a space after the postal code and a space after the city.

Location

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59006: Carson City CA

51555: Desparado CA

51579: Sunny Valley CA

**Task 02:** Show the client first and last name and phone number; skip all clients who do not have a value for the phone number. The display should be sorted by the client id.

**Task 03:** Display the service id of any services that were actually used(charged for) on an exam which were charged at a fee more than \$50. Display each service id only once.

**Task 04:** Display the first and last name and the id of all staff people who do not have a job title of vet or vet assnt. This is three columns.

**Task 05:** The vet wants to consider increasing the list price for all services except office visits by 15 %. Display the service id, service, type, description, list price and proposed price for all services (other than office visits). Use the column aliases displayed in the sample result set. Sort by the service id.

Service ID	Service Type	Description	Curr Price	Incr Price
225	medicine	Feline PCR Series	75	86.25
551	medicine	First Feline PCR	35.5	40.825
612	medicine	Buprenex oral drops 1 ml	25.91	29.7965
625	treatment	CBC and scan	155	178.25

**Task 06:** Display the client id, the animal id and the animal name for rodents. Sort by the client id with the animal id as the second sort key.

CL_ID	AN_ID	AN_NAME
1825	51005	Koshka
1825	51006	Koshka
1825	56002	Fritz
3560	52038	Gutsy

**Task 07:** The vet wants a list of client ids for clients who have one or more reptiles. Display the client id and the animal type for these clients. The vet does not care how many animals the clients have, only the client id and types. Sort by the client id.

CL_ID	AN_TYPE
5534	snake
5699	chelonian
5699	lizard
5699	snake
5852	snake

**Task 08:** Display the client id, animal id, name, and the date of birth for each animal that is neither a rodent nor a reptile. Sort the rows by the date of birth with the youngest animals first.  
For a query like this, you might want to display the animal type while you build and test it; but for the version you turn in for grading, show only the column indicated.

CL_ID	AN_ID	AN_NAME	AN_DOB
5689	21205	Manfried	30-MAR-15
1825	16043	Ursula	06-JUN-14
1825	16044	Triton	06-JUN-14
1852	21321	Morton	03-JUN-14
1825	16003	Ursula	06-FEB-13
411	21001	Yoggie	22-JAN-13
1852	21318	Waldrom	11-JUN-12
1852	21315	Baldrick	11-JUN-12