Due Date: Sep 22, 2015 11:00 PM (Late date Sep 23, 11:00 pm) Points: 35 point max

General Directions

This assignment uses the tables in the a_vets database.

Tasks

Task 01: For each client in the clients table, display their id, last name, first name, and phone number. If the first name is missing, use a zero-length -string (ZLS) instead; if the phone number is missing, display the message "No phone number" instead.

CL_ID	CL_NAME_LAST	CL_NAME_FIRST	CL_PHONE
408763	Turrentine	Stanley	619.231.1515
4534	Montgomery	Wes	No phone number
3560	Monk	Theo	212.582.6245
3423	Hawkins	Coleman	937.258.5645
1825	Harris	Eddie	No phone number
1852	Dalrymple	Jack	701.328.2725
5689	Biederbecke		415.239.6945

Task 02: For each animal in the animals table, display the following: animal id, type and name. This is a single column. Display the message "no name" if there is no name for the animal.

```
ANIMAL
---------------------------------
12035: bird named Mr Peanut
15401: lizard named Pinkie
21002: hedgehog named Edger
21003: dog named Calvin Coolidge
11029: bird named no name
15165: dog named Burgess
```

Task 03: For each client in the clients table, display his id in the first column and his name in the second column. The name is formatted as last name followed by a commas and a space, followed by the first name. If the first name is missing, display the first name but not the comma. For example:
Washington, George
Jefferson

Task 04: For each row in the services table, display the service id, the list price, the list price rounded to the near 10 dollars and the list price rounded up to the dollar. Use the math functions for the calculations and use the To_char function for formatting to display these three columns with 2 digits after the decimal place.

SRV_ID	PRICE	TO_TENS	UOTO_DLR
701	50.00	50.00	50.00
702	46.99	50.00	47.00
704	62.12	60.00	63.00
705	88.25	90.00	89.00

Task 05: Display all services which include the word 'Feline' but not 'Dental' in their description. Display all of the columns in the services table for the matches. Do not use the LIKE operator for this.

Task 06: Display the ex dates for the exam headers table in the 4 following formats. (If you cannot figure out all of these, include the ones you can do.)

```
      EX_ID EXAMDATE1 EXAMDATE2  EXAMDATE3    EXAMDATE4
---------- --------- ---------- ------------ ------------------
       3105 10-OCT-14 2014-10-10 OCT 10, 2014 October 10, 2014
       3552 10-NOV-14 2014-11-10 NOV 10, 2014 November 10, 2014
       4243 08-JUN-15 2015-06-08 JUN 08, 2015 June 8, 2015
       4514 10-AUG-15 2015-08-10 AUG 10, 2015 August 10, 2015
       4203 03-AUG-15 2015-08-03 AUG 03, 2015 August 3, 2015
```

Task 07: Display the id and name of any animal that had an exam in the first 6 months of the year 2015.

Task 08: Display the id and name of any animal who had an exam in the previous month. For this query, a **"previous" month is defined as the entire month before the current month.** If the current month were November 2013, the previous month would be October, 2013.
You are not allowed to hard code any part of the current date. That means you cannot use the literal 2015 or 7 or 8 or 9.

Task 09: Display the id, name, and exam date of any animal who had an exam on the last day of the month.

Task 10: Declare a numeric variable and generate a random integer between 10 and 25 inclusive and assign it to the variable.
Display the variable with a select query.
Then use the variable to display that many rows from the exam details table; display the exam id, the service id and the fee charged. (Use the rownum keyword.)
For the assignment script, run this only once. As you test this, run it several times; you should get a different number of rows displayed for most runs.

The End