Due Date: Thursday 2013-06-27 11:00 p.m.
Points: 40 points max
Turn In: The zipped file containing the script and spool files.

General Directions

This assignment uses the tables in the a_vets database.
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 use any functions, except for the functions:

```
concat
current_date
year
```

For this assignment, the term "reptile" is defined as the animal types: snake, chelonian, crocodilian, and lizard; the term "rodent" is defined as the animal types: hamster, capybara, porcupine and dormouse.
An animal that does not have a name is still an animal; if the name is null then just display the system default for a null.
The use of meaningful table aliases is encouraged in this and future assignments. The table names are fairly long and when you need to qualify a column, that expression gets longer and it can be harder to read. You define the table aliases within in each query. It can help to have a consistent set of table aliases to use. These are the ones I use; you can use them or different aliases that suggest the table.

```
clients        cl
animals        an
exam headers   eh
exam details   ed
services       srv
```

.

Tasks

Task 01: Set up a variable and assign the value 50. Use that variable to display any services we have performed which were billed at more than that amount. Display the service ID, actual fee charged and the exam id and exam date.
Then change the value of the variable to another value (your choice) and repeat the query (copy and paste the query into your script.).

Task 02: Display the id and first and last name of any staff person who is NOT a Vet (use the job title) and also the exam id and date of any exam they have done. Do not include any person who has done no exams.

Task 03: Display the following columns for a specific animal id. Use a variable for the animal id. The columns to display are:

```
client id
client last name
animal type
service id
service description
fee charged for that service
```

Sample display

```
+-------+----------+---------+--------+----------------------------+--------+
| cl_id | Customer | an_type | srv_id | srv_desc                   | ex_fee |
+-------+----------+---------+--------+----------------------------+--------+
```

```
|  7152 | Brubeck  | lizard  |    341 | Followup Exam-Reptile      |  25.00 |
|  7152 | Brubeck  | lizard  |   1003 | Intestinal Parasite Screen |  25.00 |
|  7152 | Brubeck  | lizard  |    104 | Routine Exam-Reptile       |  25.00 |
|  7152 | Brubeck  | lizard  |    104 | Routine Exam-Reptile       |  25.00 |
+-------+----------+---------+--------+----------------------------+--------+
```

Run the query three times using the values 15001, 16004 and 21007 for the variable for the animal id

Task 04: Use a subquery to display the client id and client last name for all clients who own a bird. Do not use a join.

Task 05: Display the client id and client last name for all clients who own a bird and own a reptile. Use the definition of reptile from assign 04.

Task 06: Display the client id and client last name for all clients who own a bird and do **not** own a reptile. Use the definition of reptile from assign 04.

Task 07: Set up a variable to get the current year from the system date. Use that variable to display the animal id, name and type of all animals that have an exam in the current year and in the previous year.

THE END