

Lab 3 Questions Samuel Revan

NOTE: In the screenshots, some queries from 1-5 will be off because I had to restart my client after already doing questions 1-5. This means I already trimmed all the columns & deleted empty rows so they will come back as 0 or having all the entries as equal to their trimmed variants

1: I think 'SELECT count(*) FROM vets where trim(state) = state;' is a command that tells SQL to select all the rows where the state column is equal to itself when trimmed (meaning that it had no spaces on either side to begin with)

2: There were 83 empty rows

3: SELECT * FROM vets WHERE state = 'GU' ORDER BY lname;

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Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
MariaDB [(none)]> USE revan  
Database changed  
MariaDB [revan]> SELECT count(*)as RowCount from vets;  
+-----+  
| RowCount |  
+-----+  
| 58170 |  
+-----+  
1 row in set (0.019 sec)  
  
MariaDB [revan]> SELECT count(*) FROM vets where trim(state) = state;  
+-----+  
| count(*) |  
+-----+  
| 58170 |  
+-----+  
1 row in set (0.028 sec)
```

```

MariaDB [revan]> DELETE FROM vets WHERE lname = ' ' AND fname = ' ' AND town = ' ' AND state = ' ';
Query OK, 0 rows affected (0.037 sec)

MariaDB [revan]> UPDATE vets SET state = trim(state);
Query OK, 0 rows affected (0.057 sec)
Rows matched: 58170  Changed: 0  Warnings: 0

MariaDB [revan]> UPDATE vets SET lname = trim(lname);
Query OK, 0 rows affected (0.062 sec)
Rows matched: 58170  Changed: 0  Warnings: 0

MariaDB [revan]> UPDATE vets SET fname = trim(fname);
Query OK, 0 rows affected (0.061 sec)
Rows matched: 58170  Changed: 0  Warnings: 0

MariaDB [revan]> UPDATE vets SET town = trim(town);
Query OK, 0 rows affected (0.056 sec)
Rows matched: 58170  Changed: 0  Warnings: 0

MariaDB [revan]> SELECT count(*) FROM vets WHERE town like 'LOS%';
+-----+
| count(*) |
+-----+
|      586 |
+-----+
1 row in set (0.022 sec)

MariaDB [revan]> SELECT count(*) FROM vetes WHERE town = 'LOS ANGELES';
ERROR 1146 (42S02): Table 'revan.vetes' doesn't exist
MariaDB [revan]> SELECT count(*) FROM vets WHERE town = 'LOS ANGELES';
+-----+
| count(*) |
+-----+
|      538 |
+-----+
1 row in set (0.022 sec)

MariaDB [revan]> SELECT count(*) FROM vets WHERE town like 'LOS%' AND town <> 'LOS ANGELES';
+-----+
| count(*) |
+-----+
|      48 |
+-----+
1 row in set (0.035 sec)

MariaDB [revan]> SELECT count(*) FROM vets WHERE town like 'LOS%' AND town <> 'LOS ANGELES' GROUP BY state;
+-----+
| count(*) |
+-----+
|      35 |
|       2 |
|       1 |
|       6 |
|       3 |
|       1 |
+-----+
6 rows in set (0.033 sec)

MariaDB [revan]> SELECT state, count(*) FROM vets WHERE town like 'LOS%' AND town <> 'LOS ANGELES' GROUP BY state;
+-----+-----+
| state | count(*) |
+-----+-----+
|   CA  |      35 |
|   IA  |       2 |
|   KY  |       1 |
|   NM  |       6 |
|   TX  |       3 |
|   WV  |       1 |
+-----+-----+
6 rows in set (0.027 sec)

```

```
MariaDB [revan]> SELECT count(*) FROM vets WHERE state = 'GU' ORDER BY lname;
+-----+
| count(*) |
+-----+
|      70   |
+-----+
1 row in set (0.022 sec)
```

```
MariaDB [revan]> SELECT * FROM vets WHERE state = 'GU' ORDER BY lname;
```

lname	fname	town	state
AGUON	JOSE QUINATA	UMATAC	GU
ASANOMA	FRANCISCO M	INARAJAN	GU
BENAVENTE	DAVID GUERRERO	DEDED0	GU
BIAGINI	MARK FREDERICK	MANGILAO	GU
BLAS	ANTHONY MARTIN M	YONA	GU
BLAZ	JAMES LUJAN	DEDED0	GU
BORJA	JUAN SANTOS	AGANA	GU
CABRERA	JOAQUIN PALACIOS	PIQUA MERIZO	GU
CAMACHO	DAVID BITANGA	TAMUNING	GU
CARTER	DONALD SUMINGUIT	DEDED0	GU
CASTRO	JUAN PASCUAL R	MONGMONG	GU
CEPEDA	JUAN DUENAS	DEDED0	GU
CRUZ	EDWARD CRUZ	INARAJAN	GU
CRUZ	ENRIQUE SALAS	SANTA RITA	GU
CRUZ	JOSEPH AGUIGUI	MERIC0	GU
CRUZ	JOSEPH WILLIAM	AGANA HEIGHTS	GU
CRUZ	PEDRO AFLAGUE	AGANA	GU
CUASITO	RONALD PEREZ	TAMVNING	GU
DAMIAN	ALLAN JAMES	AGANA	GU
DE LEON	HERMAN BORJA	AGANA	GU
DELA-CRUZ	FREDERICO V	AGANA	GU
DIAZ	EDWARD REYES	PITI	GU
DOYLE	ALBERT BARCINAS	MERIZO	GU
DUENAS	JOSE BAMBA	TOTO	GU
EAY	RUDY EDEJER	TAMUNING	GU
ESCANO	JUANITO MAIQUEZ	AGANA	GU
ESPINOSA	VICENTE T	MERIZO	GU
ESTEVES	FERNANDO BARCINAS	MERIZO	GU
EUSTAQUIO	JOSEPH MARTIN	YONA	GU
FINNEY	HAROLD JAMES JR	ASAN	GU
FLORES	BENNY SAN NICOLAS	MERIZO	GU
FLORES	DAVID CRUZ	AGANA	GU
FUNES	DAVID JOHN	BARRIGADA	GU
GORTON	DAVID ATOIGUE	TALOFOFO	GU
GUERRERO	PEDRO ROSARIO	BARRIGADA	GU

MENDIOLA	ROBERT L G	AGANA	GU	
MENO	JESUS QUINENE	INARAJAN	GU	
MESA	TOMAS REYES	AGAT	GU	
MOREHAM	VINCENT PINAULA	SINAJANA	GU	
NEDEDODG	EMILIO NINAISEN	AGAT	GU	
PANGELINAN	GREGORIO L	MONGMONG	GU	
PANGELINAN	PEDRO CABRERA	AGANA	GU	
PEREDA	HENRY PANGELINAN	AGANA	GU	
PEREZ	JOHN ANTHONY	DEDEDO	GU	
PEREZ	VICENTE DUENAS	MONGMONG	GU	
QUENGA	JOHNNY CRUZ	AGAT	GU	
QUIDACHAY	JESUS AQUININGO	UMATAC	GU	
REYES	TOMAS GARCIA	AGANA	GU	
RIPPEL	EUGENE RAYMOND	DEDEDO	GU	
RIVERA	THOMAS SALAS	AGAT	GU	
RODRIGUEZ	LUCAS HERRERA	AGAT	GU	
SABLAN	ANTONIO QUICHOCHO	YIGO	GU	
SABLAN	IGNACIO ESPINOSA	SANTA RITA	GU	
SABLAN	JOHN TENERIO	AGANA	GU	
SABLAN	THOMAS QUICHOCHO	YIGO	GU	
SAN NICOLAS	RUFO SANTOS	SINAJANA	GU	
SAN NICOLAS	VICTOR P	INARAJAN	GU	
SANCHEZ	GEORGE SANTIAGO	UMATAC	GU	
SANTOS	ENRIQUE ROSARIO	SINAJANA	GU	
SANTOS	ERNEST PABLO	TALOFOFO	GU	
SANTOS	JAMES EDWARD ANDER	DEDEDO	GU	
SANTOS	RAFAEL SALAS	AGANA	GU	
TAITAGUE	JOHNNY SALAS	TALOFOFO	GU	
TORRE	FRANCIS SAN NICOLAS	MANGILAO	GU	
TORRES	PRISHARD JOSE T	AGANA	GU	
VIOLETT	JAMES EDWARD	-----	GU	
YOKOI	RALPHAE SGAMBELLUR	MONGMONG	GU	

70 rows in set (0.025 sec)

```
MariaDB [revan]> CREATE TABLE States(State varchar(30), Abbreviation varchar(10) PRIMARY KEY)
->;
Query OK, 0 rows affected (0.017 sec)
```

```
MariaDB [revan]> |
```