

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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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 | DEDEDO | GU |
| BIAGINI | MARK FREDERICK | MANGILAO | GU |
| BLAS | ANTHONY MARTIN M | YONA | GU |
| BLAZ | JAMES LUJAN | DEDEDO | GU |
| BORJA | JUAN SANTOS | AGANA | GU |
| CABRERA | JOAQUIN PALACIOS | PIQUA MERIZO | GU |
| CAMACHO | DAVID BITANGA | TAMUNING | GU |
| CARTER | DONALD SUMINGUIT | DEDEDO | GU |
| CASTRO | JUAN PASCUAL R | MONGMONG | GU |
| CEPEDA | JUAN DUENAS | DEDEDO | GU |
| CRUZ | EDWARD CRUZ | INARAJAN | GU |
| CRUZ | ENRIQUE SALAS | SANTA RITA | GU |
| CRUZ | JOSEPH AGUIGUI | MERICO | 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
NEDEDOG	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	PRISHARDO JOSE T	AGANA	GU
VIOLETT	JAMES EDWARD	-----	GU
YOKOI	RALPHAEL 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]> |
```