

Lab 4 Questions Samuel Revan

4. The new databases created are mynewpaltz in Student Example and employee in Employee Database. The new tables created are CourseTable, EnrollmentTable, StudentTable, employees and departments.

```
MariaDB [(none)]> USE revan
Database changed
MariaDB [revan]> SELECT state, COUNT(*) states FROM vets GROUP BY state ORDER BY DESC;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'DESC' at line 1
MariaDB [revan]> SELECT state, COUNT(*) as cnt FROM vets GROUP BY state ORDER BY cnt DESC;
+-----+-----+
| state | cnt  |
+-----+-----+
| CA    | 5575 |
| NY    | 4120 |
| TX    | 3414 |
| PA    | 3141 |
| OH    | 3092 |
| IL    | 2930 |
| MI    | 2654 |
| FL    | 1950 |
| NC    | 1609 |
| GA    | 1583 |
| IN    | 1531 |
| NJ    | 1484 |
| MO    | 1411 |
| MA    | 1322 |
+-----+-----+
MariaDB [revan]> SELECT DISTINCT v.state FROM vets v LEFT JOIN States s ON v.state = s.state WHERE s.state IS NULL;
+-----+
| state |
+-----+
| SD   |
| TX   |
| MN   |
| WA   |
| MA   |
| FL   |
| DC   |
| PA   |
| NJ   |
| IL   |
| NY   |
| MO   |
| CA   |
| TN   |
| VA   |
| CO   |
| IN   |
| LA   |
| WI   |
| NH   |
| ME   |
| KY   |
| NC   |
| MD   |
+-----+
```