***Project Part4a:***

**GitHub link:** <https://github.com/githublinga>

**Sql\_scripts:** 

Setting environment for using XAMPP for Windows.

linga@LINGA c:\Users\linga\OneDrive\Desktop\xampp

# mysql -h localhost -u root

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 157

Server version: 10.4.28-MariaDB mariadb.org binary distribution

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)]> CREATE DATABASE IF NOT EXISTS project;

Query OK, 1 row affected (0.003 sec)

MariaDB [(none)]> USE project;

Database changed

MariaDB [project]> CREATE TABLE IF NOT EXISTS animalshelter(

-> shelterid INT PRIMARY KEY,

-> sheltertype VARCHAR(100),

-> description VARCHAR(255)

-> );

Query OK, 0 rows affected (0.021 sec)

MariaDB [project]> DESCRIBE animalshelter;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| shelterid | int(11) | NO | PRI | NULL | |

| sheltertype | varchar(100) | YES | | NULL | |

| description | varchar(255) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

3 rows in set (0.015 sec)

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Animal Shelter.csv' INTO TABLE animalshelter FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

Query OK, 3 rows affected (0.011 sec)

Records: 3 Deleted: 0 Skipped: 0 Warnings: 0

MariaDB [project]> SELECT \* FROM animalshelters;

ERROR 1146 (42S02): Table 'project.animalshelters' doesn't exist

MariaDB [project]> SELECT \* FROM animalshelter;

+-----------+--------------------------+-------------------------------------------+

| shelterid | sheltertype | description |

+-----------+--------------------------+-------------------------------------------+

| 1 | Cozy Wildlife Shelter | A cozy shelter for small animals.

| Spacious Birdhouse | A spacious shelter for birds.

| 3 | Secluded Forest Dwelling | A secluded shelter for forest creatures.

+-----------+--------------------------+-------------------------------------------+

3 rows in set (0.001 sec)

MariaDB [project]> CREATE TABLE IF NOT EXISTS rawmaterial(

-> rawmaterialid INT PRIMARY KEY,

-> rawmaterialtype VARCHAR(70),

-> clear;

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 '' at line 4

MariaDB [project]> CREATE TABLE IF NOT EXISTS rawmaterial(

-> materialid INT PRIMARY KEY,

-> materialtype VARCHAR(70),

-> description VARCHAR(255)

-> );

Query OK, 0 rows affected (0.007 sec)

MariaDB [project]> DESCRIBE rawmaterial;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| materialid | int(11) | NO | PRI | NULL | |

| materialtype | varchar(70) | YES | | NULL | |

| description | varchar(255) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

3 rows in set (0.014 sec)

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Raw Material.csv' INTO TABLE rawmaterial FI

ELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

Query OK, 2 rows affected (0.012 sec)

Records: 2 Deleted: 0 Skipped: 0 Warnings: 0

MariaDB [project]> SELECT \* FROM rawmaterial;

+------------+-------------------------+----------------------------------------------+

| materialid | materialtype | description |

+------------+-------------------------+----------------------------------------------+

|1 | Recycled Plastic | Durable and eco-friendly material.

| 102 | Plant Fibers | Strong and resilient in various conditions.

+------------+-------------------------+----------------------------------------------+

2 rows in set (0.000 sec)

MariaDB [project]> CREATE TABLE IF NOT EXISTS supplier(

-> supplierid INT PRIMARY KEY,

-> suppliername VARCHAR(100),

-> location VARCHAR(60),

-> materialssupplied VARCHAR(255)

-> );

Query OK, 0 rows affected (0.009 sec)

MariaDB [project]> DESCRIBE supplier;

+-------------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------------+--------------+------+-----+---------+-------+

| supplierid | int(11) | NO | PRI | NULL | |

| suppliername | varchar(100) | YES | | NULL | |

| location | varchar(60) | YES | | NULL | |

| materialssupplied | varchar(255) | YES | | NULL | |

+-------------------+--------------+------+-----+---------+-------+

4 rows in set (0.015 sec)

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Supplier.csv' INTO supplier FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

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 'supplier FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES' at line 1

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Supplier.csv' INTO TABLE supplier FIELDS TE

RMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

Query OK, 6 rows affected (0.012 sec)

Records: 6 Deleted: 0 Skipped: 0 Warnings: 0

MariaDB [project]> SELECT \* FROM supplier;

+------------+----------------------------+------------+----------------------------------+

| supplierid | suppliername | location | materialssupplied |

+------------+----------------------------+------------+----------------------------------+

| 201 | GreenTech Industries | Aurora | Sustainable Composite Materials

| 202 | EcoMaterial Suppliers Inc. | Naperville | Sustainable Composite Materials

| 301 | Bamboo Innovations | Peoria | Eco-Friendly Wood Substitutes

| 302 | TimberTech | Rockford | Eco-Friendly Wood Substitutes

| 401 | GlassTech Solutions | Lombard | Recycled Glass and Steel Parts

| 402 | SteelWorks Ltd. | Sugargrove | Recycled Glass and Steel Parts

+------------+----------------------------+------------+----------------------------------+

6 rows in set (0.002 sec)

MariaDB [project]> CREATE TABLE IF NOT EXISTS location(

->

-> ;

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 '' at line 1

MariaDB [project]> CREATE TABLE IF NOT EXISTS officelocation(

-> locationid INT PRIMARY KEY,

-> locationname VARCHAR(80),

-> description VARCHAR(200)

-> );

Query OK, 0 rows affected (0.007 sec)

MariaDB [project]> DESCRIBE officelocation;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| locationid | int(11) | NO | PRI | NULL | |

| locationname | varchar(80) | YES | | NULL | |

| description | varchar(200) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

3 rows in set (0.013 sec)

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Location.csv' INTO TABLE officelocation FIE

LDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

Query OK, 1 row affected (0.004 sec)

Records: 1 Deleted: 0 Skipped: 0 Warnings: 0

MariaDB [project]> SELECT \* FROM officelocation;

+------------+--------------+--------------------------------------------------------+

| locationid | locationname | description |

+------------+--------------+--------------------------------------------------------+

| 504 | Chicago | Main office for administrative and design activities.

+------------+--------------+--------------------------------------------------------+

1 row in set (0.000 sec)

MariaDB [project]> CREATE TABLE IF NOT EXISTS operatinglocation(

-> locationid INT PRIMARY KEY,

-> locationname VARCHAR(80),

-> description VARCHAR(255)

-> );

Query OK, 0 rows affected (0.008 sec)

MariaDB [project]> DESCRIBE operatinglocation;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| locationid | int(11) | NO | PRI | NULL | |

| locationname | varchar(80) | YES | | NULL | |

| description | varchar(255) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

3 rows in set (0.011 sec)

MariaDB [project]> LOAD DATA INFILE 'C:/Users/linga/OneDrive/Desktop/CSV Files/Operating Location.csv' INTO TABLE operatin

glocation FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;

Query OK, 3 rows affected (0.003 sec)

Records: 3 Deleted: 0 Skipped: 0 Warnings: 0

MariaDB [project]> SELECT \* FROM operatinglocation;

+------------+--------------+--------------------------------------------------------------------------+

| locationid | locationname | description |

+------------+--------------+--------------------------------------------------------------------------+

| 601 | Carbondale | Potential future location with significant wildlife conservation needs.

| 602 | Springfield | Potential future location with significant wildlife conservation needs.

| 603 | Champaign | Potential future location with significant wildlife conservation needs.

+------------+--------------+--------------------------------------------------------------------------+

3 rows in set (0.000 sec)

MariaDB [project]>

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