

Final Paper

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CPT310: Database Systems & Management

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Here is the second half of my video presentation: <https://screencast-o-matic.com/watch/cr1237V1Vvo> The file attached is the first half of the video because I chose To download it instead of get the link for it. Double click the Hello to see the word document attached (I do not know how else to attach it).



First Part of
Guide Vid.r

Hello,

To create and populate a table within mySQL workbench we must log into the database. Once connected we can view the connection and add schemas.

Clicking on the administration tab we can select the Data Import/Restore under the Management tab. Within the Administration Data Import/Restore window we can select to import from a self contained file. Select the CreateDB.sql file and within the default schema to be imported to click on the "New..." box.

The box will open and prompt the user to type, enter 'createdb' and select import.

to create all the tables within the database. Under the schemas tab, all the tables should appear. To populate table, we will need to import another file. With the default schema still being createdb, the tables will now be populated with data.

The INSERT function was also provided within a separate script and can now be added.

The INSERT function keeps track of all the employees who have edited the data within the table: delete function was also added to keep track and remove ID's. The first image shows where to Administration menu as well as the data import/restore menu. The second image shows successful import. I ran into technical issues using screencast therefore my video is in two parts. The attached is the first part and the video link is the second half of my User guide video link: <https://screencast-o-matic.com/watch/cr1237V1Vvo>



First Part of User
Guide Vid.mp4



CreateDB.sql



PopulateData.sql



Insert&Delete.sql

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

Schema: createdb



Newdb

Data Import

Import from Disk Import Progress

Import Options

☐ Import from Dump Project Folder

C:\Users\tyler\Desktop\New folder (3)\New folder

Select the Dump Project Folder to import. You can do a selective restore.

Load Folder Contents

☒ Import from Self-Contained File

C:\Users\tyler\Desktop\New folder (3)\New folder\PopulateData.sql

Select the SQL/dump file to import. Please note that the whole file will be imported.

Default Schema to be Imported To

Default Target Schema:

createdb

New...

The default schema to import the dump into.
NOTE: this is only used if the dump file doesn't contain its schema, otherwise it is ignored.

Select Database Objects to Import (only available for Project Folders)

Imp... Schema

Imp... Schema Objects

Dump Structure and Dat

Select Views

Select Tables

Unselect All

Import Completed

Start Import

Navigation:.....Administration - Data Import/Restore.....address

MANAGEMENT

Server Status

Client Connections

Users and Privileges

Status and System Variables

Data Export

Data Import/Restore

INSTANCE

Startup / Shutdown

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PERFORMANCE

Dashboard

Performance Reports

Performance Schema Setup

Administration

Schemas

Information:.....

Schema: createdb

Newdb

Data Import

Import from Disk

Import Progress

Import Completed

Status:
1 of 1 imported.

Log:

Creating schema ofod

15:07:53 Restoring C:\Users\tyler\Desktop\New folder (3)\New folder\sql.sql
Running: mysql.exe --defaults-file="C:\Users\tyler\AppData\Local\Temp\tmpwa1foji9.cnf" --protocol=tcp --host=127.0.0.1 --user=root --port=3306 --default-character-set=utf8 --comments --database=ofod < "C:\Users\tyler\Desktop\New folder (3)\New folder\sql.sql"
15:07:53 Import of C:\Users\tyler\Desktop\New folder (3)\New folder\sql.sql has finished

Creating schema createdb

15:08:17 Restoring C:\Users\tyler\Desktop\New folder (3)\New folder\CreateDB.sql
Running: mysql.exe --defaults-file="C:\Users\tyler\AppData\Local\Temp\tmpu8kqnl1.cnf" --protocol=tcp --host=127.0.0.1 --user=root --port=3306 --default-character-set=utf8 --comments --database=createdb < "C:\Users\tyler\Desktop\New folder (3)\New folder\CreateDB.sql"
15:08:18 Import of C:\Users\tyler\Desktop\New folder (3)\New folder\CreateDB.sql has finished

15:11:47 Restoring C:\Users\tyler\Desktop\New folder (3)\New folder\PopulateData.sql
Running: mysql.exe --defaults-file="C:\Users\tyler\AppData\Local\Temp\tmpw8m30gn9.cnf" --protocol=tcp --host=127.0.0.1 --user=root --port=3306 --default-character-set=utf8 --comments --database=createdb < "C:\Users\tyler\Desktop\New folder (3)\New folder\PopulateData.sql"
15:11:47 Import of C:\Users\tyler\Desktop\New folder (3)\New folder\PopulateData.sql has finished

Stop

Import Again

References:

Coronel, C., & Morris, S. (2019). [*Database systems: Design, implementation, and management*](#) (13th ed.). Boston, MA: Cengage.