# SubmissioN

Please take screenshots of the results of the **show** and **select** statements in the Tasks section below. Answer the questions section below as well. Create either a Word or PDF of all the screenshots and answers and submit to Blackboard as “lab\_3\_firstname\_lastname”. EX: “lab\_3\_firstname\_lastname”.

## Database Details

In this exercise you will create Marcia’s Dry-Cleaning database to become familiar with the MySQL environment. The exercises can be done via the command line or through Workbench (likely easier).

## Tasks

1. Setup
   1. Download the mdc\_create\_tables.sql and the mdc\_insert\_data.sql files
   2. Open MySQL Workbench and log in. By default, a query tab will already be opened for you, as a recommendation open a second query tab by going to ‘File’ and choosing the ‘New Query Tab’ option.
2. Create the schema
   1. This will create the schema or database for this project.  
      create database mdc;
3. Create tables
   1. Open SQL Script mdc\_create\_tables.sql in one of the query tabs by clicking the  icon
   2. Click the  icon to execute all the statements.
   3. In another query tab run the following commands and take a screenshot of the results.   
      Hint: Click the  icon to execute a single statement.  
      use mdc;  
      **show databases;**  
      **show tables;**
4. Import the data
   1. Open the SQL Script mdc\_insert\_data.sql
   2. Click the  icon to execute all the statements.
5. Do some practice running the following sql queries take a screen shot of your results:

* use mdc;
* **select \* from customer;**
* **select \* from invoice;**
* **select count(\*) from invoice;**
* **select distinct item from invoice\_item limit 5;**
* **select invoicenumber, customerid, totalamount from invoice limit 5;**

1. Draw an ERD of the MDC database.

## Answers

1. [screenshot 1]
2. [screenshot 2]
3. [screenshot 3]
4. [screenshot 4]
5. [screenshot 5]
6. [screenshot 6]
7. [screenshot 7]
8. [place ERD here]