Questions on Programming Assignment 2

All Sections

Section 2 | Questions on Programming Assignment 2

📋 Questions on Programming Assignment 2

Based on the materials in this module, contribute to the discussion forum for Assignment 2. You can participate in the discussion by:

- Posting a question
- Answering other students' questions
- Providing examples
- Providing links or resources related to the topic that would be of interest to your classmates

You can also engage in any other constructive manner of participation that can be helpful to you and your peers.

🔍 Search entries or author   Unread   [↑] [↓]

✓ **Subscribe**   ✓ Subscribed

↩ **Reply**

📎 **Attach**

Cancel   Post Reply

•

[Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)](https://foothillcollege.instructure.com/courses/26507/users/913)

9:51am

Some general notes: Read the requirements for each query carefully. If you have any questions, post them on th

⋮

Some general notes:

- Read the requirements for each query carefully. If you have any questions, post them on the assignment forum for clarification.
- **Do not submit assignments with syntax errors.**
- If you cannot complete a step, then include the query number and a comment stating this step is omitted. (i.e. Query 9 omitted).
- Do not write query lines longer than **80 characters**. It is hard to understand your work when the reader must scroll horizontally.
- Use **uppercase letters** for all SQL keywords:

```
SELECT, INSERT, UPDATE, WHERE, AND, OR, LIKE, etc.
```

- A single line statement is acceptable for a simple query that is no longer than a few characters.

For example:

```
SELECT * FROM employee WHERE SSN = '1111111';
```

- Any statement involving a more complex WHERE clause should be split into multi-line statements.
- Do not use concepts (e.g subqueries, Group functions, …) that we haven't covered in class.
- Comments: You can use both -- or /* */ for comments.
- Include the query number as a comment at each step.
- Use one blank line to separate the SQL statements.
- In MySQL, text comparisons are case-insensitive.
- Use spaces:

```
 price = 56.78 , not price=56.78
```

- Literals
  - Numbers do not use delimiters.
  - Do not use commas or currency symbols in numbers
  - Text literals are enclosed in quotes (')
- Dates should be enclosed in quotes; the default syntax for date follows the pattern 2016-08-22.

↰ **Reply**

```


```

-

Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)
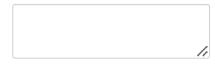
9:51am

The correct format for the comments in the assignment's sql file: Example: /* Query 1 Purpose: Displays all indi

⋮

The correct format for the comments in the assignment's sql file:

Example:

```
/* Query 1
Purpose: Displays all individual clients with the last name "Evansr"
Rows returned: 2 */

SELECT client_id,
       first_name,
       last_name
FROM individual_client
WHERE last_name = "Evansr"
ORDER BY first_name
--------------
/* Query 2
Purpose: Displays all accounts sorted by available balance
Rows returned: 40 */

SELECT account_id,
       type_id,
       created,
       avail_balance
FROM accounts
ORDER BY avail_balance DESC
--------------
```

↩ **Reply**

-

[Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)](https://foothillcollege.instructure.com/courses/26507/users/913)

9:51am
The SQL file should contain: (yourname_assignment2.sql) the USE command to switch to the correct database t

⋮

The **SQL file** should contain: (yourname_assignment2.sql)

- the USE command to switch to the correct database
- the query number for each query as a comment
- the SQL query(queries) needed for each step

The **output .txt file** should contain: (yourname_assignment2.txt)

- the USE command to switch to the correct database
- the query number for each query as a comment
- the SQL query(queries) needed for each step
- the output for each query

↩ **Reply**

Attach

Cancel   Post Reply

Hanan Ibrahim

(https://foothillcollege.instructure.com/courses/26507/users/913)

9:51am

You should not include the table creation or insertion statements in your .txt file. I may ask for some specific quer

⋮

You **should not i**nclude the table creation or insertion statements in your .txt file. I may ask for some specific queries at the start of the assignment to help check that you are using the right data set.

You **do not need** to submit the following files:

1. *create_tables_mega_store.sql*
2. *insert_data_mega_store.sql*

You only need to submit two files:

1. ***yourname_assignment2.sql***
2. ***yourname_assignment2.txt***

↩ **Reply**

🔗 **Attach**

Cancel   Post Reply

-

Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)
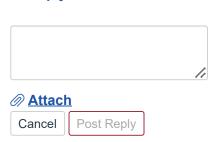
9:52am

Date and Time Data Types.   When displaying dates, MySQL uses the YYYY-MM-DD format '2013-10-2'

Date and Time Data Types (https://dev.mysql.com/doc/refman/8.0/en/date-and-time-types.html)

When displaying dates, MySQL uses the **YYYY-MM-DD** format

'2013-10-2'

↩ **Reply**

⌗ **Attach**

Cancel   Post Reply

[Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)](https://foothillcollege.instructure.com/courses/26507/users/913)

9:52am

General Notes: Errors in Assignments 1) The output .txt file should have the SQL query (queries) needed for eac

⋮

General Notes: Errors in Assignments

1) The output .txt file should have the SQL query (queries) needed for each step.

To display the SQL query for each strep, you need to run the following command before creating the txt file.

```
mysql -u root -p --force --comments -vvv
```

The Options on the Command Line

-u	This is for your username.
-p	This is to indicate that you will supply a password when asked.
-vvv	This specifies how much information to display. We use the -vvv option to see the queries that are being run and the output.
--Force	This forces your script to continue to run, even if you have an error in your script.
--comments	We include a --comments option on the command line to see the comments. If I do not see the query number comments and your name comments in the .txt file, then you will lose points on each query.

2) You should not include the table creation or insertion statements in your spool file. I may ask for some specific queries at the start of the assignment to help check that you are using the right data set. You can reload the datasets at any time during the semester.

3) Do not write query lines that are longer than 80 characters.

4) You use commas to separate lists of items, such as the columns to be displayed.

5) Always include new lines/vertical space:

- before AND or OR
- after semicolons to separate queries for easier reading
- after each keyword definition
- after a comma when separating multiple columns into logical groups

6) If your script file contains SQL statements in error and produces error messages, correct them and rerun the script. Do NOT submit assignments with syntax errors.

7) If you cannot complete a query, then include the query number and a comment stating this query is omitted. (i.e., Query 9 omitted).

8) As you develop each query, you may include additional columns in the SELECT clause to test your design. Be certain to remove any column not listed in the query as a column to be displayed in the final version. You may also insert additional rows for testing. Be careful to remove those rows before you run your script for grading purposes.

9) You can execute a script file using the **source** command or **\.** command:

source file_name

\. file_name

https://dev.mysql.com/doc/refman/8.0/en/mysql-commands.html
(https://dev.mysql.com/doc/refman/8.0/en/mysql-commands.html)

If you use the \. command, then **do NOT include a semicolon at the end of the line.**

↩ **Reply**

___

Attach

Cancel | Post Reply

[Hanan Ibrahim (https://foothillcollege.instructure.com/courses/26507/users/913)](https://foothillcollege.instructure.com/courses/26507/users/913)

9:52am

Creating a .txt File You can use the command line to display results. Copy the commands/results and paste them

⋮

Creating a .txt File

You can use the command line to display results. Copy the commands/results and paste them into a .txt file.

If you still have a problem creating a .txt file, please take a screenshot of each output of each query and paste it into a Word document as submit with the SQL file as proof of running the queries.

↩ **Reply**

⬭ Attach

Cancel   Post Reply