

IS455 – Database Design & Prototyping
Instructor: Kevin Trainor
Assignment: Chapter 4 MGS Exercises
Course Component: Coding Assignments
Grading Rubric

Base Point Allocation

Base Points (23 available points)

Requirements

Assignment submitted on-time or within the allowable late period.

Percent Credit	Description
100	Meets all expectations.
0	Not submitted or submitted too late.

Submission

Timeliness (16 available points)

Requirements

Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
0	Late
0	Not submitted or submitted too late

File Submitted (10 available points)

Requirements

Only 1 file should be submitted.

File type must be .ZIP

.ZIP file name must conform to naming conventions listed in the instructions.

The name of the directory inside of .ZIP file must conform to naming conventions listed in the instructions.

A separate .SQL file should be created for each exercise.

Solution script files must be named to conform to naming conventions listed in the instructions.

File must be submitted to the proper Moodle submission activity.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Content

Exercise 1 [Regular] (7 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 2 [Regular] (7 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 3 [Regular] (7 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 4 [Regular] (7 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 5 [Regular] (7 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 6 [Regular] (8 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 7 [Challenge] (8 available content points)

Requirements

Begin each script file that accesses the database with a USE statement (e.g., USE my_guitar_shop;).

Use the beautify feature of the MySQL Workbench to pretty-print your code.

End each statement in your script with a semicolon.

Use the SQL features requested in the exercise description and/or covered in the chapter.

Always include an ORDER BY in SELECT statements unless directed otherwise. If the exercise instructions ask for a particular order, then use that. Otherwise, choose any reasonable order.

In SELECT statements that use JOIN, always use the explicit (ANSI) JOIN syntax implemented in the FROM clause. Do NOT use the implicit JOIN syntax implemented using the WHERE clause.

Do NOT include extra or unnecessary code in the script.

When executed, script must produce a result set with the expected number of rows, and the expected number of properly named columns. Rows must appear in the correct order.

Do NOT include extra or unnecessary code in the script.

Code must reflect a good faith effort to create a working script to solve the problem at hand.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Total Available Points = 100

Please Note: This grading rubric allows for adjustments to be made to your content point score. The total number of content points available to be awarded on this assignment is 51. An adjustment of up to 36 content points may be made for submissions that have a low content point score and yet meet the following criteria: Assignment must be submitted on time. Work submitted must show good faith effort on all REGULAR EXERCISES. It is possible to qualify for the points adjustment without having submitted work on the CHALLENGE EXERCISE.