

IS455 – Database Design & Prototyping
Instructor: Kevin Trainor
Assignment: Chapter 6 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 must be named using the form: lastName_firstName_mgs_chap_xx.zip

Directory inside of .ZIP file must be named using the form: lastName_firstName_mgs_chap_xx

Solution scripts must be placed in the properly named directory.

Solution scripts must be named using the following form: ex_xx_yy.sql (where xx is the two-digit chapter number [03] and yy is the two-digit exercise number [01]. So, a proper example would be ex_03_01.sql

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 (7 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (7 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (7 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (7 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (7 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (8 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 (8 available content points)

| Requirements |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Script begins with a USE statement (use my_guitar_shop;). |
| All SQL statements are terminated with a semicolon. |
| Script is “pretty printed” using the MySQL beautify feature so that it conforms to best practices in formatting. |
| Produces expected result set. |
| Result set has the expected number of rows. |
| Result set has expected columns in the required order. |
| Result set has expected column names. |
| SELECT statements include an explicit ORDER BY clause regardless of whether the requirement is explicitly stated in the exercise description. |
| JOINS use the explicit join syntax in the FROM clause rather than the implicit join syntax implemented in the WHERE clause. |
| Script uses the SQL features requested in the exercise description and/or covered in the chapter. |
| Code reflects all best practices covered in class. |
| Extra or unnecessary code has not been included in the script. |
| Code reflects 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 parts of the assignment.