C1 - Piscine PHP

C-COD-150

SQL

Day 02

1.1

{EPITECH.}

SQL

repository name: sql_d02
repository rights: ramassage-tek

- Your repository must contain the totality of your source files, but no useless files (binary, temp files, obj files,...).
- Error messages have to be written on the error output, and the program should then exit with the 84 error code (0 if there is no error).

+ Administrative Details

- The project must be done alone
- Sources must be turned in with BLIH
- https://www.w3schools.com/sql/default.asp

+ Exercises

+ Exercise 01 (1 Pt)

File to turn in: SQL_Day_02/ex_01/ex_01.sql

Write a query that displays the number of members and their average age, rounded to the nearest integer. The columns will be named "Number of members" and "Average age". A man of 55 years and 11 months is considered to be only 55 years old.

+ Exercise 02 (1 Pt)

File to turn in: SQL_Day_02/ex_02/ex_02.sql

Write a query that displays only the **zip code** where there is more than one individual; display them in ascending order. The column will be named "Zip codes".

+ Exercise 03 (1 Pt)

File to turn in: SQL_Day_02/ex_03/ex_03.sql

Write a query that displays for each floor its number, the total number of seats and the total number of rooms, sorted by ascending number of seats. The columns will be named "Floor number", "Total number of seats" and "Total number of rooms".

+ Exercise 04 (1 Pt)

File to turn in: SQL_Day_02/ex_04/ex_04.sql

Write a query that displays the first 92 characters of the **summary** for movies whose **id** is odd and between 42 and 84. The column will be named "Summaries".

+ Exercise 05 (1 Pt)

File to turn in: SQL_Day_02/ex_05/ex_05.sql

Write a query that displays the **email** addresses of the members in the table profiles, replacing the string "machin.com" by "coding-academy.fr", the whole list will be sorted by reverse alphabetical order. The column will be named "New email addresses".

+ EXERCISE 06 (1 PT)

File to turn in: SQL_Day_02/ex_06/ex_06.sql

Write a query that displays for each movie their **title** and the number of days since they were released. The release date must be defined. The columns will be named: "Movie title" and "Number of days passed".

+ EXERCISE 07 (1 PT)

File to turn in: SQL_Day_02/ex_07/ex_07.sql

Write a query that displays the **title** of movies for which first letter of their title is between "O" and "T" included. The whole list has to be sorted in alphabetical order. The column will be named "Movie title".

+ EXERCISE 08 (1 PT)

File to turn in: SQL_Day_02/ex_08/ex_08.sql

Write a query that displays the **name** of the table genres whose **id** is not between 6 and 12. Those numbers should not be included in the final result.

+ EXERCISE 09 (1 PT)

File to turn in: SQL_Day_02/ex_09/ex_09.sql

Write a query that displays the **title** and the **min_duration** of all the movies. The result has to be sorted by descending length of title, and then sorted by ascending movie duration.

+ EXERCISE 10 (1 PT)

File to turn in: SQL_Day_02/ex_10/ex_10.sql

Write a query that will sum the **prod_year** of all the movies in a column "Sum prod_year". Each year must be summed only once.

+ Exercise 11 (1 Pt)

File to turn in: SQL_Day_02/ex_11/ex_11.sql

Write a query that adds a new entry in the subscription table.
Its name will be "Premium", its summary will be: "For the privileged", its price 80 and the duration of subscription 126.

+ Exercise 12 (1 Pt)

File to turn in: SQL_Day_02/ex_12/ex_12.sql

Go back to the query of the previous exercise and add the premium subscription 5 times. You must only use one INSERT INTO statement.

+ Exercise 13 (1 Pt)

File to turn in: SQL_Day_02/ex_13/ex_13.sql

Delete the last 4 subscriptions of the subscription table.

+ Exercise 14 (1 Pt)

File to turn in: SQL_Day_02/ex_14/ex_14.sql

Update the name of the last subscription to "Premium++".

+ Exercise 15 (1 Pt)

File to turn in: SQL_Day_02/ex_15/ex_15.sql

Update the email addresses of members by replacing the string "machin.com" by "coding-academy.fr"

+ Exercise 16 (1 Pt)

File to turn in: SQL_Day_02/ex_16/ex_16.sql

Delete the movies whose **prod_year** is equal to 0.

+ Exercise 17 (1 Pt)

File to turn in: SQL_Day_02/ex_17/ex_17.sql

Update the field **producer_id** in the movies table. When the field is not defined, set it to the id of the producer who has the less movies, moreover the producer name must finish by "film".

+ Exercise 18 (1 Pt)

File to turn in: SQL_Day_02/ex_18/ex_18.sql

Delete all movies in the movie table that were released in 1990.

+ Exercise 19 (1 Pt)

File to turn in: SQL_Day_02/ex_19/ex_19.sql

Add in the job table the list of jobs given to you in the .csv (the file will be in the same format and will be in "/tmp/jobs.csv").

+ Exercise 20 (1 Pt)

File to turn in: SQL_Day_02/ex_20/ex_20.sql

Export the content of the movie table with format CSV in a file in /tmp/movies.csv.