CSD 310 Module 5.2 – MySQL Functions

Jaci Brown

Initial connection:

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**Dayofweek()** – Ex: select dayofweek("1993-02-04") as "my birth day";

This could have a purpose that I am unaware of how to use yet, but I think it’s a fun tool to recall the day of the week for important events. It returns 1 for Sunday through to 7 for Saturday. I was born on a Thursday.

Ref: <https://www.w3schools.com/sql/func_mysql_dayofweek.asp>

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**Database()** – Ex- SELECT DATABASE();

This will show what database you’re currently accessing when you use commands. This is very helpful as a beginner, and even to a new database manager that now has multiple databases.

Ref: <https://www.w3schools.com/sql/func_mysql_database.asp>

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**Concat()** - Ex- SELECT CONCAT(first\_name, " " , last\_name) AS full\_name FROM actor;

This would be very useful for displaying two pieces of information together. Like a name, address, or name and phone number. Please see pictures of this execution numbered on the following page. For this example, I had to do some digging to find some information I could concatenate from a table. I didn’t want to bother with only strings. First, I ran SHOW DATABASES; Then I selected USE SAKILA; (# 1) as I saw this imported as an example database in my download. At first, I tried to use SHOW COLUMNS; but I realized that I wasn’t in a table yet. I ran SHOW TABLES; then I selected actor from the list of tables and ran SHOW COLUMNS FROM actor; (# 2). Now I see that I have some names I can concatenate. SELECT CONCAT(first\_name, " " , last\_name) AS full\_name FROM actor; this query returned 200 rows of names (# 3 & 4).

Ref: <https://www.w3schools.com/sql/func_mysql_concat.asp>

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2. A screenshot of a computer program

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