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January 12th, 2025

Module 5.2 Assignment

Function Name: UPPER()

The UPPER() function in MySQL is used to convert text to uppercase. It is helpful when you need to make text consistent, like turning names into uppercase letters. The syntax is UPPER(text), where text can be a string or a column name. For example, the query SELECT UPPER('hello world'); will return HELLO WORLD. This function is a quick way to standardize text in your database.

Statement: SELECT UPPER('hello world') as "UPPER() Example";

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Function Name: TRUNCATE()

The TRUNCATE() function in MySQL is used to truncate a number to a specified number of decimal places without rounding. This function is useful when you need precise control over the number of decimal places for numerical values, such as formatting currency, reducing floating-point precision for calculations, or preparing data for reports. The syntax for this function is TRUNCATE(number, decimal\_places), where number is the value to be truncated, and decimal\_places specifies the number of digits to retain after the decimal point. For example, the query SELECT TRUNCATE(867.5309, 2); would return 867.53, effectively truncating the value to two decimal places. The TRUNCATE() function is a useful tool for precise number formatting in MySQL.

Statement: SELECT TRUNCATE(867.5309, 2) as "TRUNCATE() Example";

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Function Name: CURDATE()

The CURDATE() function in MySQL is used to display the current date. It is useful when you need to retrieve the system's current date for use in queries or calculations, such as filtering records based on today's date or logging the current date in a database. The date is returned in the format YYYY-MM-DD, making it compatible with standard date and time operations in MySQL. The syntax for this function is CURDATE() and does not require any arguments. For example, the query SELECT CURDATE(); would return the current date, such as 2025-01-08. The CURDATE() function is a simple and effective way to work with the current date in your database queries.

Statement: SELECT CURDATE() as "CURDATE() Function Example";

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