**Research 07**

**What are wildcards in MySQL? How are they useful?**

Wildcards are placeholder characters that can represent one or more character or values in a string. They are useful because you can search a database without knowing the exact value held.

**Research all the operators that can be used in a SQL WHERE clause. What do they each do?**

**=** Equal checks if a column is equal to a specified value.

**>** Less than check if a column is less than a specified value.

**<** Greater than checks if a column is less than a specified value.

**<=** Less than or equal checks if a column is less than or equal to a specified value.

**>=** Greater than or equal checks if a column is less than or equal to a specified value.

**<> or !=** Not equalused to check if a column is not equal to a value.

**Between:** Checks if a column is between a certain range.

**Like:** Searches for a pattern.

**In:** Used to specify multiple possible values in a column.

**What is your favorite thing you learned this week?**

Data bases are extremely useful and a great skill to have I enjoyed learning how to do basic queries in mysql.

**Sources:**

<https://www.w3schools.com/sql/sql_wildcards.asp>

<https://www.w3schools.com/sql/sql_where.asp>