Relational Databases with MySQL Week 1 Research Assignment

**Points possible:** 30

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| --- | --- | --- |
| Category | Criteria | % of Grade |
| Accuracy | Is the information accurate? | 25 |
| Organization | Is the essay clean and organized? Ideas are presented in a logical order. | 25 |
| Citations | Students reference and cite at least 5 sources. | 25 |
| Completeness | All requirements of the assignment are complete. | 25 |

**Instructions:** In however many words necessary, write a thorough essay response to each of the below prompts. Be sure to include at least 5 references for this assignment. Do not copy and paste text from the internet or any other source; use the information you find in your research, summarize, in your own words, the concepts. Plagiarism will result in a zero for the assignment as well as disciplinary actions. Push this document to your GitHub repository for this week. Add the URL for this week’s repository to this document where instructed and submit this document to your instructor when complete.

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

Wildcards are character that help search data matching complex criteria. Using wild cards simplifies everything. Where if you use SELECT and WHERE clause it can get complicated.

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

= : is the equals operator

< > : is the not equals.

> : is the greater than

< : is the less than

>= : greater than or equal to

<= : less than or equal to.

BETWEEN: between a certain range.

LIKE: search for a pattern.

IN: to specify multiple possible values for a column.

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

I like learning about data bases in general. I love the fact that its easy to understand the sentences we write out. Data bases are closer to the English language then java is. I truly enjoyed the home work this week, was lots of fun.

**References:**

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

**URL to GitHub Repository:**

[**https://github.com/samsquanch27/DBWeekOne**](https://github.com/samsquanch27/DBWeekOne)