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 in MySQL are characters that help search in data.**

**They are useful because it allows us to develop search engines into our data applications.**

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

**= means equal, < > not equal, > greater than, < less than, >=equal than or equal to, <= less than or equal to, BETWEEN meaning between certain data range, LIKE is search for a pattern, and IN meaning multiple possible values.**

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

**My favorite thing I learned this week was the whole lesson of MySQL because I’m familiar with it from my previous program I’ve taken. I’ve always thought MySQL was supposed to be opened through the actual application but it’s nice to be learning through the command line. The command line makes it more simplistic.**

**References:**

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

**<https://www.guru99.com/wildcards.html>**

**<https://quizlet.com/87986177/operators-in-the-where-clause-flash-cards/>**

**<http://beginner-sql-tutorial.com/sql-where-clause.htm>**

**<http://www.informit.com/articles/article.aspx?p=174821&seqNum=4>**

**<https://promineotech.com/curriculum-content/courses/relationalDatabases/week1.html>**

**URL to GitHub Repository:**

**<https://github.com/ash2042987/Week7RelationalDatabaseswithMySQL>**