

Chapter 02a, Single Table Queries

ISTA-420, T-SQL Fundamentals

Readings

Read chapter 2 of the textbook T-SQL Fundamentals, pages 27 through 49.

Homework questions

1. What is a *primary key constraint*? What two other constraints is it equivalent to?
2. What is a *nullability constraint*? What does it prevent?
3. What is a *unique constraint*? What does it prevent?
4. What is a *foreign key constraint*? What does it allow?
5. What is a *check constraint*? What does it allow?
6. What is a *default constraint*? What does it allow?
7. What is *domain integrity*? This is not in your text book, but it's important.
8. What is the difference between the *where* and the *having* clauses? How are they alike?
9. What SQL operator has the highest precedence? What SQL operator has the lowest precedence?
10. Yes or no: In the SQL standard, is *NULL* equal to *NULL*? Why or why not?

Homework Exercises

1. Review the documentation and tutorials on the following web sites.
 - Microsoft documentation, <https://docs.microsoft.com/en-us/sql/t-sql/queries/queries>
 - General SQL documentation, <https://sqlite.org/syntaxdiagrams.html>
 - SQL tutorial, <https://www.w3schools.com/sql/default.asp>
 - SQL tutorial, https://www.tutorialspoint.com/t_sql/index.htm