

Cpt-140 Database Concepts

Week 9 : SQL Programming 3 (SQL3)

Learning Objectives.

In this topic Set operators are examined. We look at how they work and what conditions are required for their operation. The SQL commands for table and data manipulation are covered. Views are a useful tool to selectively present data and make queries simpler. The problem that NULLS present and their effect of aggregated data are also discussed.

- ☐ Know the three set operators and the functions they perform.
- ☐ Understand the conditions required to apply set operators.
- ☐ Know the five SQL commands for table and data manipulation and how to use them.
- ☐ Be able to use all set operators and manipulation commands
- ☐ Know what the error “child record found” means and how to resolve it.
- ☐ Be able to create views and use them in SQL queries.
- ☐ Be able to explain the value of Views.
- ☐ Know the various meanings of the NULL value.
- ☐ Know what SQL test commands apply to NULLs
- ☐ .Be able to explain how NULLs change the result of aggregation operations.

Reading for this week

These Sections from the text book.

6.2.5 , 6.5 , 8.1