Homework 2 – Lanz Compala

5. What is the difference between a sub query and a join?

Answer:  
 A join is part of the main query and cannot stand on its own while subquery run a separate query from the main query and can run separately. Another difference is the return value, join return rows while subquery returns a single value or row set.

11. What is the default sort order in SQL when querying a date field?

Answer:  
The default sort order for date field is ascending.

12. For each type of join, explain the relationship of the data being pulled from each table in the join. (Refer to slide 12 for the five Join types)

Answer:

* Inner Join – Data matches in both table
* Full Outer Join – Data matches both table and also data from either table with no corresponding match in the other table and displays NULL
* Left/Right Join – Left join data matches both table and also data from the the first table with no match and displays null. Right join data matches both table and also data from the second table with no match and displays null
* Left/Right Join excluding Null – Return data from first or second table excluding rows with null value
* Full Outer Join – Data from both table with no match