MSIS/IT 230

Phase 6 Requirements

Sub Queries

In this phase you will demonstrate your knowledge of writing left outer joins (1 and 2) and sub queries (3, 4 and 5). It is also a good idea to review the pages in the book that cover left outer joins.

You will create one .sql file that contains all the statements and submit it to Blackboard for grading. Use aliases where needed.

There are five statements that you will write. Each is worth the point value listed with the requirement. To receive full credit your statements must be syntactically correct and must return the correct results. Please be sure that your statements are in the order listed below. I have included screenshots of the expected results.

1.) Write the select statement that will create an employee schedule that has the full name, day of the week, start time and end time sorted by employee id within start time. Include employees who are not part of the schedule. You must use a left outer join for this query (40 points)

A table with numbers and letters

Description automatically generated

2.) Write the select statement that will create an appointment schedule. Display the appointment date, patient’s full name, employee’s full name, start time, duration, and status. Include patients that have no appointments in the table. Sort on patient last name within date in order by oldest date. (40 points) Note: you will need to do Left Outer Join using three tables.

A screenshot of a table

Description automatically generated

3.) Write the query that displays the PrescriptionID and Description for all prescriptions that are not part of a patient’s medical history (30 points) Note: you must use a sub-query for this query.

A screenshot of a computer

Description automatically generated

4.) Write the query that displays the ConditionID and Description for all conditions that are part of a patient’s medical history (30 points) Note: you must use a sub-query for this query.

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5.) Write the query that displays the TypeID and Description for all types that are not covered by any employee (10 points) Note: you must use a sub-query for this query.

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