Assignment-10 ITI-2180 Foundations of Data and Database Management

1. Chapter 11 Hands-on Assignment (problems A – J: see below) – 50 points

Problem A: Chapter 11 Hands-on Assignment #1

Problem B: Chapter 11 Hands-on Assignment #2

Problem C: Chapter 11 Hands-on Assignment #3

Problem D: Chapter 11 Hands-on Assignment #4

Hint: Use a SUM function in the query of this three-way table join. Also, for this problem, calculate profit = (paideach – cost).

Problem E: Chapter 11 Hands-on Assignment #5

Problem F: Chapter 11 Hands-on Assignment #6

Hint: Nest a SUM function inside an AVG function in the query of this three-way table join. Be sure you understand why a GROUP BY is needed in this complex query. Also, for this problem, calculate profit = (paideach – cost).

Problem G: Chapter 11 Hands-on Assignment #7

Problem H: Determine the average retail price of books by publisher name. Only include those publishers where the average is at least $50 dollars.

Hint: GROUP BY and HAVING clauses needed in this two-way table join. There may be other functions required also.

Problem I: List the customers living in New Jersey and Georgia who have recently placed an order totaling more than $70.

Hint: SELECT DISTINCT firstname, lastname is how it starts in this multi-way table join. This is a complex query that requires additional considerations beyond this hint.

Problem J: What's the retail price of the most expensive book published by American Publisher?

Submit: A file called *Assignment-10-Results.docx* with formatted SQL & output to Blackboard.