Assignment-4 ITI-2180 Foundations of Data and Database Management

1. Be sure to run JLDB\_Drop.sql first, then run JLDB\_Build.sql in the ORCL2 database before starting this assignment. This will rebuild all the tables.

Reminder: All JLDB\_Build.sql dates are 10 years newer than dates that appear in the textbook.

Chapter 5 Hands-on Assignment (problems A – J: see below) – 50 points

Problem A: Chapter 5 Hands-on Assignment #1: order date = July 20, 2019

Problem B: Chapter 5 Hands-on Assignment #2

Problem C: Chapter 5 Hands-on Assignment #3

Problem D: Chapter 5 Hands-on Assignment #4: order date = August 6, 2019

Problem E: Chapter 5 Hands-on Assignment #5: order date = today's date

Problem F: Chapter 5 Hands-on Assignment #9

Problem G: Chapter 5 Hands-on Assignment #10

Problem H: Set the cost to $20.00 for the book with ISBN # 1059831198.

Problem I: The BOOKS table has a column called CATEGORY. This column (field) holds the category in which a particular book is placed. One of the categories is "FITNESS". The company wants to change the category from "FITNESS" to "HEALTH and FITNESS" for all books in the "FITNESS" category. Provide all commands that complete this business problem and show proof that the "FITNESS" data has been changed to "HEALTH and FITNESS" in the database. NOTE: Read Problem H before you start this because the two problems are related.

Problem J: Execute the SQL statement that undoes Problem G above. Show proof to demonstrate that the change is undone.

Submit: A file called *Assignment-4-Results.docx* with formatted SQL & output to Blackboard.

Hints: Problem F: The order of the commands is important.

Problem I: You may have to increase the size of the CATEGORY column.