

Ca218 Lab Exam 16th Nov 2017

Instruction:

Username: blogsjca218 (use your 6-character username)

Password: (password received at registration)

AFTER YOU COMPLETE EACH QUESTION:

COPY TO THE NEW H: Drive created by the Exam System

1 FILE PER STUDENT (Word or Notepad) CONTAINED ALL SOLUTIONS.

DO NOT TURN THIS PAGE OVER UNLESS YOU ARE TOLD TO DO SO .

Q1 Sakila Database (30 Marks)

(A) List the title, release_year and description for all films rated "PG"
(15 marks)

(B) Using joins, list the title and category for all films where the category name begins with "A".
Order your results alphabetically by film title.
(15 marks)

Q2 World Database (35 Marks)

(A) List the name of the city, the population of a city, the name of the country the city is in, and the percentage of the country's population that live in the city, for all countries that have a life expectancy between 50 and 70 years of age. Order your results by the percentage from highest to lowest
(15 marks)

(B) Using a subquery, list the name, population and continent for all countries, which have a greater than average population than the continent the country is in. Order your results alphabetically by the country name.
(20 marks)

Q3 ClassicModels Database (35 Marks)

(A) List the name, the textDescription, and the total quantity of products were ordered in that product line. Order your results from the highest quantities to lowest. (15 marks)

(B) List the name of the employee, the number of customers that employee has, their manager's name and the total amount of money they have made through orders. For the top 3 most profitable employees (20 marks)