Database Management Systems

PA2

Fall 2020

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CSCE 4523/5523: Database Management Systems  
Fall 2020  
Assignment Two  
Due: Tuesday, Oct. 13, 2020 by 5:00 pm  
  
Each task is worth 6 points.  You may refer to Oracle Notes Part Two for help with this assignment.  Do NOT use join or any other binary operations; instead, use sub-queries wherever needed.  Each task must be performed using only one query.  Do not display columns that are not required in the result.  
  
Run your queries in a terminal (for example: PuTTY) instead of on a web browser or a GUI interface.  Create a spool file to capture the output of your queries for tasks 1 through 5.  Submit your spool file (which must have the queries and their output) via Blackboard.  
  
Please check with me if you need further clarification on any of the following tasks.  
  
Tasks:  
  
1.  Find and print the lic\_no, make, and model of each vehicle that has more than average daily rental cost of all vehicles.  
  
2.  For the vehicles that have been rented but not yet returned, print the names of customers who have rented them at present.  
  
3.  Show the names and phone numbers of customers who have ever rented a vehicle.  There should be no duplicate records in the output.  
  
4.  Among the customers who have ever rented a vehicle, find out how many of them have Gmail accounts (i.e., "gmail.com") as listed under the "email" attribute of customers table.  Print the number.  
  
5.  Print the names of customers who have never rented a vehicle other than a Ford.  
     
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