ITM 209 Spring 2020

Assignment #2 Answer Sheet: Database Querying

This sheet is for you to enter your results to the assignments. It should be submitted with the export of your database schema. It should include the following in the spaces below:

* Your queries copied from the MySQL view pasted into the answer sheet (MS Word)
* Screenshots of the query result when you open the query.

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| ***Query 1: SQL Statement Used*** |
| select  agrewalconsultants.consultantID as "Consultant ID", agrewalconsultants.firstName as "First Name",  agrewalconsultants.lastName as "Last Name", email, count(issueID) as "Number of Closed Issues"  from  teleworks.agrewalconsultants inner join teleworks.agrewalissues  on agrewalconsultants.consultantID = agrewalissues.consultantID  where  statusID = 1  group by  agrewalconsultants.consultantID  order by  count(issueID) DESC; |
| ***Query 1: Screenshot of the Query Results*** |
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| ***Query 2: SQL Statement Used*** |
| select distinct  agrewalcustomers.contactName as "Customer Contact Name", agrewalconsultants.lastName as "Consultant's Last Name"  from  teleworks.agrewalconsultants  inner join teleworks.agrewalissues  on agrewalconsultants.consultantID = agrewalissues.consultantID  inner join teleworks.agrewalcustomers  on agrewalissues.customerID = agrewalcustomers.customerID  where  agrewalcustomers.state = "MI"  order by  agrewalconsultants.lastName |
| ***Query 2: Screenshot of the Query Results*** |
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| ***Query 3: SQL Statement Used*** |
| select  agrewalcustomers.contactName as "Customer Contact Name", agrewalcustomers.phone as "Phone Number",  agrewalissues.issueDescription as "Issue Description", agrewalconsultants.lastName as "Consultant's Last Name"  from  teleworks.agrewalconsultants  inner join teleworks.agrewalissues  on agrewalconsultants.consultantID = agrewalissues.consultantID  inner join teleworks.agrewalcustomers  on agrewalissues.customerID = agrewalcustomers.customerID  where  agrewalissues.priorityID = 5  order by  agrewalconsultants.lastName |
| ***Query 3: Screenshot of the Query Results*** |
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| ***Query 4: SQL Statement Used*** |
| select  agrewalcustomers.contactName as "Customer Contact Name", agrewalcustomers.phone as "Phone Number",  count(agrewalissues.statusID) as "Number of Issues", agrewalissuestatus.statusDescription as "Status Description"  from  teleworks.agrewalcustomers  left outer join teleworks.agrewalissues  on agrewalcustomers.customerID = agrewalissues.customerID  left outer join teleworks.agrewalissuestatus  on agrewalissues.statusID = agrewalissuestatus.statusID  group by  agrewalissues.statusID, agrewalcustomers.customerID  order by  agrewalcustomers.contactName, agrewalissuestatus.statusDescription |
| ***Query 4: Screenshot of the Query Results*** |
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| ***Query 5: SQL Statement Used*** |
| select  agrewalcustomers.contactName as "Customer Contact Name", state as "State",  concat("$ ", convert(count(issueID)\*20, CHAR)) as "Costs of Support"  from  teleworks.agrewalcustomers inner join teleworks.agrewalissues  on agrewalcustomers.customerID = agrewalissues.customerID  where  agrewalissues.statusID = 1  group by  agrewalissues.customerID  order by  count(issueID)\*20 DESC; |
| ***Query 5: Screenshot of the Query Results*** |
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