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**Professor Neeley**

**CIS 250**

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**BITS Corporation Module 1**

1. List the names of all clients that have a credit limit that is less than $10,000.
   1. Hershey, Jarrod
   2. Goduto, Sean
   3. Salazar, Jason
   4. Fisherman's Spot Shop
   5. Seymour, Lindsey
   6. Bonnie's Beautiful Boutique
   7. Yates, Nick
   8. Howler, Laura
   9. MarketPoint Sales
2. List the descriptions of all items in the Tasks table that have the category DRM.
   1. Data recovery major x 2
3. List the order numbers for orders placed by client number 322 on September 10, 2018.
   1. 67424
   2. 67949
4. List the order date and the scheduled date any work order involving task SA44.
   1. Order Num: 68868 | Scheduled Date: 9/24/2018
5. List the name of each client that placed an order for two different tasks in the same order.
   1. Harpersburg Bank
   2. Prichard's Pizza & Pasta
6. List the name of each client that has a credit limit of $5,000 and is represented by Patrick Jordan.
   1. Seymour, Lindsey
   2. Howler, Laura
7. Find the sum of the balances for all customers represented by Christopher Turner.
   1. $18,746.05
8. For each order, list the order number, order date, client number, and client name.
   1. 67424 9/10/2018 322 Prichard's Pizza & Pasta
   2. 67949 9/10/2018 322 Prichard's Pizza & Pasta
   3. 68252 9/12/2018 363 Salazar, Jason
   4. 67313 9/7/2018 458 Bonnie's Beautiful Boutique
   5. 67101 9/6/2018 733 Howler, Laura
   6. 68979 9/17/2018 826 Harpersburg Bank
   7. 67838 9/10/2018 867 MarketPoint Sales
   8. 68868 9/14/2018 867 MarketPoint Sales
9. For each order placed on September 10, 2018, list the order number, order date, client number, and client name.
   1. 67424 9/10/2018 322 Prichard's Pizza & Pasta
   2. 67838 9/10/2018 867 MarketPoint Sales
   3. 67949 9/10/2018 322 Prichard's Pizza & Pasta
10. For each order placed on September 17, 2018, list the order number and client name, along with the name of the client’s consultant.
    1. Order Num: 68979 Client Name: Harpersburg Bank Consultant: Turner Christopher
11. BITS needs to be able to contact clients when problems arise concerning an order. What other attributes could BITS include in the Customer table to assist in contacting customers?
    1. Email
12. BITS wants the database to include data on all its employees, not just consultants. What additional entities would the DBA need to include in the database to store this data? What attributes?
    1. Employee ID
    2. Employee Email
    3. Department
13. What kinds of unstructured data or big data might the BITS corporation want to gather in the future? What kind of devices might they use for input? How would they store the data?
    1. Social Media Information (i.e. Facebook, LinkedIn, Twitter)
    2. Stored with employee/customer ID