Cluster SQL Test Memo – 2022 - DecorDB

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| 1. | SELECT \* ****  FROM Items****  ORDER BY itemCost **** DESC;**** | (4) |
| 2.**** | SELECT salePID, Count(\*)**** AS [Number of Clients]****  FROM Clients  WHERE SalePID >= 7**** AND**** SalePID <= 9****  GROUP BY salePID;****  **OR**  SELECT salePID, Count(\*)**** AS [Number of Clients]****  FROM Clients  WHERE SalePID BETWEEN 7**** AND**** 9****  GROUP BY salePID;**** | (5) |
| 3. | SELECT \* FROM Items  WHERE itemDes LIKE**** "\*Modern\*" ****AND ****itemCat = "Exterior";**** | (4) |
| 4. | SELECT Invoices.ItemID****, Round (Avg**** (Quantity),2****) AS Average  FROM Invoices  WHERE Month**** (InvoiceDate)=5****  GROUP BY Invoices.ItemID****  HAVING**** Avg(Quantity)<2;**** | [8] |
| 5. | SELECT Clients.clientID, clientName, Invoices.InvoiceDate, ItemDes, ItemCost****  FROM Clients, Invoices, Items****  WHERE Clients.clientID = Invoices.ClientID**** AND  Items.ItemID = Invoices.ItemID ****AND  ItemCost > 9000 ;**** | [5] |
| 6. | DELETE \*****FROM Invoices  WHERE YEAR**** (InvoiceDate) = 2019****; | [3] |
| 7.**** | UPDATE Items****  SET itemCost = itemCost \* 1.12****  WHERE itemID IN**** (11,12)**OR**  UPDATE Items****  SET itemCost = itemCost \* 1.12****  WHERE itemID = 11****OR itemID = 12**** | [4] |
| 8. | INSERT INTO Invoices **** (ClientID, itemID, Quantity, InvoiceDate)****  VALUES **** (20, 1, 5, #2022/02/02#);  # **** | [4] |
| 9. | SELECT LEFT(ItemDes,2)**** & Len(ItemDes)**** &**** INT**** (RND(ItemID)**** \* 90 + 10****) AS Code FROM Items; | [6] |
| 10. | SELECT itemDes, itemCost ****  FROM Items ****  WHERE itemID **** NOT IN****  ****(SELECT Items.itemID FROM Items, Invoices****  WHERE Items.itemID = Invoices.itemID)**** | [7] |
|  | **Total:** | **[50]** |