IFT-300

Chapter 3 - How to retrieve data from a single table.

Exercise on Page 99

USE AP;

1. Write a SELECT statement that returns three columns from the Vendors table: VendorContactFName, VendorContactLName, and VendorName. Sort the result set by last name, then by first name. (6 points)

2. Write a SELECT statement that returns four columns from the Invoices table, named Number, Total, Credits, and Balance:

Number	Column alias for the InvoiceNumber column
Total	Column alias for the InvoiceTotal column
Credits	Sum of the PaymentTotal and CreditTotal columns
Balance	InvoiceTotal minus the sum of PaymentTotal and CreditTotal

   Use the AS keyword to assign column aliases.   (10 points)

3. Write a SELECT statement that returns one column from the Vendors table named Full Name. Create this column from the VendorContactFName and VendorContactLName columns. Format it as follows: last name, comma, first name (for example, "Doe, John"). Sort the result set by last name, then by first name. (10 points)

4. Write a SELECT statement that returns three columns:

InvoiceTotal	From the Invoices table
10%	10% of the value of InvoiceTotal
Plus 10%	The value of InvoiceTotal plus 10%

   (For example, if InvoiceTotal is 100, 10% is 10, and Plus 10% is 110.) Only return those rows with a balance due greater than 1000. Sort the result set by InvoiceTotal, with the largest invoice first. (14 points)

Make sure to put the comments with your name in code or your assignment will lose points.

Directions for Submission: (*Follow the instructions***):**

- Upload a Word document.

  - Copy / Paste the Homework question in your Word document.
  - Copy the query for the assignment in the word document.
  - Paste the code you have written in the text file.
  - Paste a screenshot of the code executed in SSMS.
  - Make sure the screen snapshot has a header about your name (See announcement).

- Upload as text file.

  - Include your queries (code), and query header (With your name).
  - The script must also have the query to test your code.

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