CSC 453 Assignment 4   10 points each
All results must be SQL generated.   Use formatting/landscape for output readability.

For submission, include both the SQL statement and the output rows in a document.
If submitting a PDF, make sure that I can copy & paste the SQL from it.
All monetary values should have a currency format (dollar sign, comma separators, cents).
Include the problem number with each statement.
The SQL is required.   **No credit will be given for the output alone.**
Highlight the output and copy & paste it.   Only submit **one** Word document.
Do not submit output print-screens.   Do not reduce the output font size.

1.   List the invoices with a balance due over $5,000.
        The balance due is the amount – (payments + credits).
        Display the vendor ID, invoice ID, invoice date, and balance due.
        Order the listing by the balance due, descending.

2.   List the mid-western vendors (Illinois, Indiana, Iowa, Minnesota, Wisconsin).
        Display the vendor ID, name, contact name (first & last), city, and state.
        Use formatting and concatenation to reduce the space required for the contact and city
        (30 characters should be fine).
        Order the listing by the city within state.

3.   List the total (over all invoices) for each line item description, giving the description and
        the total amount when the total > $10,000. Order the output by the total, descending.

4.   List the vendors supplying a line item containing 'CICS', 'COBOL', 'MVS', or 'VSAM'.
        Include the vendor ID, name, invoice number, line item description and amount.
        Use formatting to reduce the space required and format the amount as currency.
        Order the listing by ID.

5.   List the invoices with a balance due that are at least 15.5 months past the due date.
        Display the vendor ID & name, invoice number, date, due date and balance due.
        Calculating the past due period should be based on the current run date, not a hard-
        coded date.
        Order the listing by the due date.

6.   List the total balance due (over all invoices) to each vendor, when the total balance due
        is over $4000. Just list the vendor name and the total. Order the listing by the vendor
        name.

7.   List the total balance due (over all invoices) to each vendor, when the total balance due
        is over $4000.
        List the vendor ID, name, phone and the total.
        Order the listing by the total balance due, descending.

8.	List the city names that occur in more than one state. Only list each name once.

9.	List the top 5 invoices based on the highest invoice total.
	Give the vendor name, invoice date and invoice total.

10.	List the top 6 **percent** of the invoices based on the highest balance due.
	Give the vendor name, invoice date and balance due.