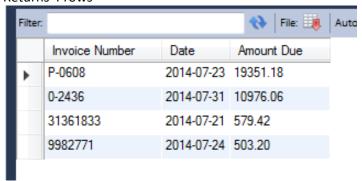
# Comp 269 Database Concepts Spring 2016

1) Display all invoices where we owe \$500 or more (after payments and credits). Sort by the amount owed in descending order. Create proper aliases for column headings.

### Returns 4 rows



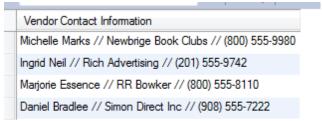
2) Display all payment\_totals from the invoices table where the payment\_total is odd and greater than 100. Sort by payment\_total in descending order. Create proper aliases for column headings.

#### Return 6 rows

Invoice Num	ber Invoice Amount
56	2433.00
47	1575.00
76	241.00
69	175.00
25	129.00
84	111.00

3) Display vendor contact information <u>as it appears below</u>. Display only vendors from NJ. Create proper aliases for column headings.

#### Return 4 Rows



4) Select all the vendor contacts in the vendors table where the first initial of the vendors first name matches the first initial of the city the vendor company is located in. Create proper aliases for column headings.

## Returns 2 rows

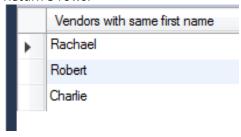
First Name	Last Name	City
Abe	Regging	Ann Arbor
Fyodor	Finklestein	Fresno

5) List all the invoices from Federal Express Corporation. Sort by invoice\_id. Create proper aliases for column headings. Return only five rows.

Vendor Name	Invoice Number
Federal Express Corporation	1-200-5164
Federal Express Corporation	1-202-2978
Federal Express Corporation	2-000-2993
Federal Express Corporation	263253241
Federal Express Corporation	263253243

6) List the first names of the vendors where other vendors have the same first name. Create proper aliases for column headings

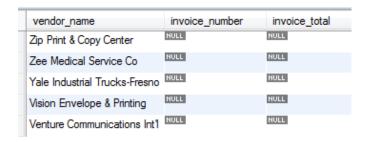
#### Return 3 rows.



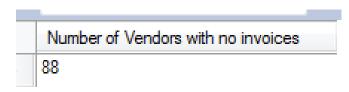
7) Select all the Federal Express invoice line item amounts. Sort by invoice id and limit output to five rows.

	vendor_name	invoice_number	line_item_amount
•	Federal Express Corporation	1-200-5164	63.40
	Federal Express Corporation	1-202-2978	33.00
	Federal Express Corporation	2-000-2993	144.70
	Federal Express Corporation	263253241	40.20
	Federal Express Corporation	263253243	44.44

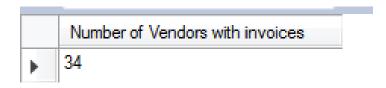
8) Select all vendors who have not submitted an invoice. Sort by vendor name descending. Limit out put to five rows.



- 9) Insert an invoice into the invoices table.
- 10) Update the vendors table so that any vendor\_contact\_first\_names is changed to William if it the table contains Bill.
- 11) Delete from the general ledger account table where the account number equals 100.
- 12) How many vendors do not invoices listed in the invoice table. Create proper aliases for column headings



13) How many vendors have invoices listed in the invoice table. Create proper aliases for column headings.



14) Who are the top five vendors by number of invoices.

Vendor Name	Number of Invoices
Federal Express Corporation	47
United Parcel Service	9
Zylka Design	8
Pacific Bell	6
Malloy Lithographing Inc	5

15) List all the invoices where the invoice\_total is less than the average invoice\_total. Order by invoice\_total desending. Top five listed below.

# Returns 93 rows

	invoice_number	invoice_date	invoice_total
Þ	77290	2014-05-13	1750.00
	RTR-72-3662-X	2014-05-25	1600.00
	31359783	2014-06-03	1575.00
	75C-90227	2014-06-11	1367.50
	Q545443	2014-06-09	1083.58