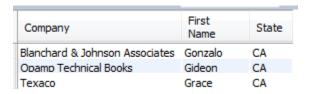# Midterm Instructions

Complete the questions below. Result sets are provided. Upload one sql file for the entire test. Output should exactly resemble given result sets. All questions worth 10 points.

1) Display all vendors from California whose first name begins with the letter 'G'. Returns three records

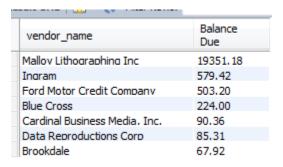| Company	First Name	State
Blanchard & Johnson Associates	Gonzalo	CA
Opamp Technical Books	Gideon	CA
Texaco	Grace	CA

2) Create a sql statement that generates the result set below. Sorted by Company. Total of 122 records in result set however display the third 10 records (i.e. 21 – 30)

Result Grid		Filter Rows:		Export:	Wrap Cell Content: ‡A	Fetc

	Company	Name	Address
▶	Capital Resource Credit	Jayda Maxwell	PO Box 39046 Minneapolis MN 55439
	Cardinal Business Media, Inc.	Kelsey Eulalia	P O Box 7247-7844 Philadelphia PA 19170
	Champion Printing Company	Jillian Clifford	3250 Spring Grove Ave Cincinnati OH 45225
	City Of Fresno	Kendall Mayte	PO Box 2069 Fresno CA 93718
	Cmg Information Services	Yash Randall	PO Box 2283 Boston MA 02107
	Coffee Break Service	Jeffrey Smitzen	PO Box 1091 Fresno CA 93714
	Compuserve	Jan Armando	Dept L-742 Columbus OH 43260
	Computer Library	Leroy Aryn	3502 W Greenway #7 Phoenix AZ 85023
	Computerworld	Angel Lloyd	Department #1872 San Francisco CA 94161
	Costco	Aaron Jaquan	Fresno Warehouse Fresno CA 93711

3) Display all vendors that share the same zip code with another vendor. Vendors with unique zip codes should not be displayed. Sort by vendor_zip_code. Returns 39 rows.

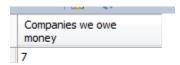| vendor_name	vendor_zip_code
Cardinal Business Media, Inc.	19170
Springhouse Corp	19170
Roadway Package System, Inc	91185
Wang Laboratories, Inc.	91185
ASC Signs	93703
Bill Marvin Electric Inc	93703
Postmaster	93706
Suburban Propane	93706
The Presort Center	93706
Yale Industrial Trucks-Fresno	93706

4) Display the largest invoice from each vendor from those vendors with a balance due above zero. Seven records display. (Hint: balance due = invoice_total – payment-total – credit-total) Order matters. (Returns 8 rows)

vendor_name	Balance Due
Mallov Lithoaraphina Inc	19351.18
Inaram	579.42
Ford Motor Credit Companv	503.20
Blue Cross	224.00
Cardinal Business Media. Inc.	90.36
Data Reproductions Corp	85.31
Brookdale	67.92

5)

Display the number of companies we owe money. Three points given if hard coded.

Companies we owe money
7

6) How much money did we spend on Freight? Result set below gives Freight account number.

account_description	Freight Cost	account_number
Freiaht	27599.65	553

7) Change all instances of Federal Express Corporation to Brookdale Community College.

8) Write an insert statement that adds this row into the Invoices table.

invoice_id: ....generated automatically
vendor_id: 32
invoice_number: AR-013-028
invoice_date: 8/2/2014
invoice_total: 578.56
payment total: $0.00
credit_total: $0.00
terms_id:.....................3
invoice_due_date: 10/1/2014
payment_date:............null

9) Show all statements needed to successfully delete all records related to "Abbey Office Furnishings" (Hint: requires three delete statements) Statements must be in proper order.

10) Generate the output below showing the vendors and their invoices that are greater than their own average invoice total. (Returns 36 rows)

vendor_name	invoice_number	invoice_total
Bertelsmann Industry Svcs. Inc	509786	6940.25
Cahners Publishing Company	587056	2184.50
Coffee Break Service	109596	41.80
Compuserve	21-4923721	9.95
Compuserve	21-4748363	9.95
Computerworld	367447	2433.00
Dean Witter Reynolds	75C-90227	1367.50
Digital Dreamworks	P02-3772	7125.34
Dristas Groom & McCormick	94007005	220.00
Edward Data Services	972110	207.78
Evans Executone Inc	125520-1	95.00
Ford Motor Credit Company	9982771	503.20
Franchise Tax Board	RTR-72-3662-X	1600.00