

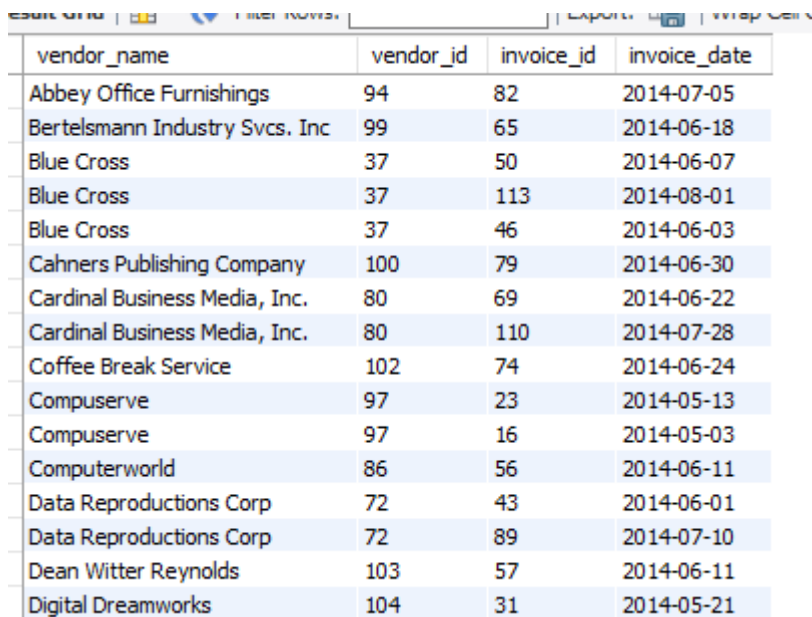
## Comp1168 Database Management

### Lab 7 (Multiple Table Queries)

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1. Create a query that returns vendors' ids and names, their invoice id's and dates on which these invoices were placed. [schema: ap]

Use **NATURAL JOIN**, **EQUI-JOIN**, **INNER JOIN**.



vendor_name	vendor_id	invoice_id	invoice_date
Abbey Office Furnishings	94	82	2014-07-05
Bertelsmann Industry Svcs. Inc	99	65	2014-06-18
Blue Cross	37	50	2014-06-07
Blue Cross	37	113	2014-08-01
Blue Cross	37	46	2014-06-03
Cahners Publishing Company	100	79	2014-06-30
Cardinal Business Media, Inc.	80	69	2014-06-22
Cardinal Business Media, Inc.	80	110	2014-07-28
Coffee Break Service	102	74	2014-06-24
Compuserve	97	23	2014-05-13
Compuserve	97	16	2014-05-03
Computerworld	86	56	2014-06-11
Data Reproductions Corp	72	43	2014-06-01
Data Reproductions Corp	72	89	2014-07-10
Dean Witter Reynolds	103	57	2014-06-11
Digital Dreamworks	104	31	2014-05-21

2. Create a query that returns employees' ids, full names and the names of the departments they work in [schema: ex—This database has all standalone tables and no inherent table relationships]



employee_id	Employee Name	department_name
1	Cindy, Smith	Payroll
2	Elmer, Jones	Personnel
4	Olivia, Hernandez	Accounting
3	Ralph, Simonian	Payroll
8	Rhea, O'Leary	Personnel
5	Robert, Aaronsen	Payroll
7	Thomas, Hardy	Maintenance

3. Create a query that returns all vendors (ap database) and customers (om database) living in the same Zip Code (postal code) as shown below. This is a query that two tables from different database.

	ZIPCODE	Customer_Name	vendor_name
►	53707	Yash, Randall	US Postal Service
	20559	Kirsten, Story	Register of Copyrights
	43221	Korah, Blanca	Micro Center
	07004	Gonzalo, Keeton	Rich Advertising
	93711	Thalia, Neftaly	Costco
	93711	Rashad, Holbrooke	Costco
	94161	Julian, Carson	IBM
	10010	Johnathon, Millerton	Venture Communications Int'l
	93728	Deborah, Damien	Shields Design
	90038	Dakota, Baylee	Opamp Technical Books
	52556	Derek, Chaddick	Open Horizons Publishing
	28217	Erick, Kaleigh	Baker & Taylor Books
	92807	Ania, Irvin	Aztek Label
	93711	Thalia, Neftaly	Gary McKeighan Insurance
	93711	Rashad, Holbrooke	Gary McKeighan Insurance
	90266	Trisha, Anum	Publishers Marketing Assoc