Chapter 6 9/11

SELECT COUNT(\*) AS number\_of\_invoices, SUM(invoice\_total - payment\_total - credit\_total) AS total\_due FROM invoices WHERE invoice\_total - payment\_total - credit\_total > 0

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(\*) AS number\_of\_invoices, SUM(invoice\_total - payment\_total - credit\_total) AS total\_due FROM invoices WHERE invoice\_total - payment\_total - credit\_total > 0

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(\*) AS number\_of\_invoices, SUM(invoice\_total - payment\_total - credit\_total) AS total\_due FROM invoices WHERE invoice\_total - payment\_total - credit\_total > 0

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(DISTINCT vendor\_id) AS number\_of\_vendors, COUNT(vendor\_id) AS number\_of\_invoices, ROUND(AVG(invoice\_total), 2) AS avg\_invoice\_amt, SUM(invoice\_total) AS total\_invoice\_amt FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, ROUND(AVG(invoice\_total), 2) AS avg\_invoice\_amt, SUM(invoice\_total) AS total\_invoice\_amt FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, MAX(invoice\_total) AS highest\_invoice\_total, MIN(invoice\_total) AS lowest\_invoice\_total FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(\*) AS number\_of\_invoices, SUM(invoice\_total - payment\_total - credit\_total) AS total\_due FROM invoices WHERE invoice\_total - payment\_total - credit\_total > 0

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, MAX(invoice\_total) AS highest\_invoice\_total, MIN(invoice\_total) AS lowest\_invoice\_total FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

EXPLAIN SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, ROUND(AVG(invoice\_total), 2) AS avg\_invoice\_amt, SUM(invoice\_total) AS total\_invoice\_amt FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, MAX(invoice\_total) AS highest\_invoice\_total, MIN(invoice\_total) AS lowest\_invoice\_total FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

EXPLAIN SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, MAX(invoice\_total) AS highest\_invoice\_total, MIN(invoice\_total) AS lowest\_invoice\_total FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT 'After 1/1/2014' AS selection\_date, COUNT(\*) AS number\_of\_invoices, MAX(invoice\_total) AS highest\_invoice\_total, MIN(invoice\_total) AS lowest\_invoice\_total FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT MIN(vendor\_name) AS first\_vendor, MAX(vendor\_name) AS last\_vendor, COUNT(vendor\_name) AS number\_of\_vendors FROM vendors

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT MIN(vendor\_name) AS first\_vendor, MAX(vendor\_name) AS last\_vendor, COUNT(vendor\_name) AS number\_of\_vendors FROM vendors

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

EXPLAIN SELECT MIN(vendor\_name) AS first\_vendor, MAX(vendor\_name) AS last\_vendor, COUNT(vendor\_name) AS number\_of\_vendors FROM vendors

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(DISTINCT vendor\_id) AS number\_of\_vendors, COUNT(vendor\_id) AS number\_of\_invoices, ROUND(AVG(invoice\_total), 2) AS avg\_invoice\_amt, SUM(invoice\_total) AS total\_invoice\_amt FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(DISTINCT vendor\_id) AS number\_of\_vendors, COUNT(vendor\_id) AS number\_of\_invoices, ROUND(AVG(invoice\_total), 2) AS avg\_invoice\_amt, SUM(invoice\_total) AS total\_invoice\_amt FROM invoices WHERE invoice\_date > '2014-01-01'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, ROUND(AVG(invoice\_total), 2) AS average\_invoice\_amount FROM invoices GROUP BY vendor\_id HAVING AVG(invoice\_total) > 2000 ORDER BY average\_invoice\_amount DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, ROUND(AVG(invoice\_total), 2) AS average\_invoice\_amount FROM invoices GROUP BY vendor\_id HAVING AVG(invoice\_total) > 2000 ORDER BY average\_invoice\_amount DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT invoice\_id,vendor\_id, ROUND(AVG(invoice\_total), 2) AS average\_invoice\_amount FROM invoices GROUP BY vendor\_id HAVING AVG(invoice\_total) > 2000 ORDER BY average\_invoice\_amount DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, ROUND(AVG(invoice\_total), 2) AS average\_invoice\_amount FROM invoices GROUP BY vendor\_id HAVING AVG(invoice\_total) > 2000 ORDER BY average\_invoice\_amount DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `vendors`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT snumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT pnumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT pnumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT pnumber, snumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(pnumber), snumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(pnumber), snumber FROM `sp` GROUP BY snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(pnumber), snumber FROM `sp` GROUP BY snumber HAVING snumber <> 's1'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT pnumber, COUNT(pnumber), snumber FROM `sp` GROUP BY snumber HAVING pnumber <> 'p1'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT COUNT(pnumber), snumber FROM `sp` GROUP BY snumber, pnumber HAVING pnumber <> 'p1'

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total), 2) AS invoice\_avg FROM invoices JOIN vendors ON invoices.vendor\_id = vendors.vendor\_id GROUP BY vendor\_state, vendor\_city

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total), 2) AS invoice\_avg FROM invoices JOIN vendors ON invoices.vendor\_id = vendors.vendor\_id GROUP BY vendor\_state, vendor\_city HAVING COUNT(\*) >= 2

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total), 2) AS invoice\_avg FROM invoices JOIN vendors ON invoices.vendor\_id = vendors.vendor\_id GROUP BY vendor\_state DESC, vendor\_city HAVING COUNT(\*) >= 2

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total), 2) AS invoice\_avg FROM invoices JOIN vendors ON invoices.vendor\_id = vendors.vendor\_id GROUP BY vendor\_state DESC, vendor\_city DESC HAVING COUNT(\*) >= 2

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `supplier`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT `snumber` , COUNT(\*) FROM `supplier` GROUP BY city

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT `snumber` , COUNT(\*),city FROM `supplier` GROUP BY city

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `supplier`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*) FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `supplier`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `supplier`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*) FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber, sp.pnumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*), sp.pnumber FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber, sp.pnumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*), sp.pnumber FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber, sp.pnumber

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*), sp.qty FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber, sp.qty

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT sp.snumber , COUNT(\*), sp.qty FROM supplier JOIN sp ON supplier.snumber = sp.snumber GROUP BY sp.snumber AND sp.qty

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_name, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total),2) AS invoice\_avg FROM vendors JOIN invoices ON vendors.vendor\_id = invoices.vendor\_id GROUP BY vendor\_name HAVING AVG(invoice\_total) > 500 ORDER BY invoice\_qty DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_name, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total),2) AS invoice\_avg FROM vendors JOIN invoices ON vendors.vendor\_id = invoices.vendor\_id GROUP BY vendor\_name DESC HAVING AVG(invoice\_total) > 500 ORDER BY invoice\_qty DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_name, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total),2) AS invoice\_avg FROM vendors JOIN invoices ON vendors.vendor\_id = invoices.vendor\_id GROUP BY vendor\_name HAVING AVG(invoice\_total) > 500 ORDER BY invoice\_qty DESC

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_name, COUNT(\*) AS invoice\_qty, ROUND(AVG(invoice\_total),2) AS invoice\_avg FROM vendors JOIN invoices ON vendors.vendor\_id = invoices.vendor\_id GROUP BY vendor\_name DESC HAVING AVG(invoice\_total) > 500

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT snumber, AVG(qty) From sp WHERE qty > 50

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT \* FROM `sp`

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT snumber, AVG(qty), qty From sp WHERE qty > 50

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT snumber, qty From sp WHERE qty > 50

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT snumber, qty, AVG(qty) AS 'something\_bad' From sp WHERE qty > 50

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS qty\_vendors FROM vendors WHERE vendor\_state IN ('IA', 'NJ') GROUP BY vendor\_state ASC, vendor\_city ASC WITH ROLLUP

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_state, vendor\_city, COUNT(\*) AS qty\_vendors FROM vendors WHERE vendor\_state IN ('IA', 'NJ') GROUP BY vendor\_state ASC, vendor\_city ASC WITH ROLLUP

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id WITH ROLLUP

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id WITH ROLLUP

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id WITH ROLLUP

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id

Collapse Expand Requery Edit Explain Profiling Bookmark Query failed Database Queried time

SELECT vendor\_id, COUNT(\*) AS invoice\_count, SUM(invoice\_total) AS invoice\_total FROM invoices GROUP BY vendor\_id WITH ROLLUP