Chapter 6 exercises

1)

SELECT vendor\_id, SUM(invoice\_total)

FROM invoices

GROUP BY vendor\_id

2)

SELECT vendor\_name, SUM(payment\_total) AS payment\_total\_sum

FROM vendors v JOIN invoices i

ON v.vendor\_id = i.vendor\_id

GROUP BY vendor\_name

ORDER BY payment\_total\_sum DESC

3)

SELECT vendor\_name, COUNT(\*) AS invoice\_count,

SUM(invoice\_total) AS invoice\_total\_sum

FROM vendors v JOIN invoices i

ON v.vendor\_id = i.vendor\_id

GROUP BY vendor\_name

ORDER BY invoice\_count DESC

4)

SELECT

account\_description,

COUNT(\*) AS line\_item\_count,

SUM(line\_item\_amount) AS line\_item\_amount\_sum

FROM

general\_ledger\_accounts gl

JOIN invoice\_line\_items li ON

gl.account\_number = li.account\_number

GROUP BY

account\_description

HAVING

line\_item\_count > 1

ORDER BY

line\_item\_amount\_sum

DESC

5)

SELECT account\_description, COUNT(\*) AS line\_item\_count,

SUM(line\_item\_amount) AS line\_item\_amount\_sum

FROM general\_ledger\_accounts gl

JOIN invoice\_line\_items li

ON gl.account\_number = li.account\_number

JOIN invoices i

ON li.invoice\_id = i.invoice\_id

WHERE invoice\_date BETWEEN '2014-04-01' AND '2014-06-30'

GROUP BY account\_description

HAVING line\_item\_count > 1

ORDER BY line\_item\_amount\_sum DESC

6)

SELECT account\_number, SUM(line\_item\_amount) AS line\_item\_sum

FROM invoice\_line\_items

GROUP BY account\_number WITH ROLLUP

7)

SELECT vendor\_name,

COUNT(DISTINCT li.account\_number) AS number\_of\_gl\_accounts

FROM vendors v

JOIN invoices i

ON v.vendor\_id = i.vendor\_id

JOIN invoice\_line\_items li

ON i.invoice\_id = li.invoice\_id

GROUP BY vendor\_name

HAVING number\_of\_gl\_accounts > 1

ORDER BY vendor\_name