# Lab: SQL SELECT Statement Part 2 Answer Sheet Place Your Name Here: Nicholas brown

## Place your Answers to Each Section in the Corresponding Area Below. Add as much additional space as you need so your answers are easy to read. Only Upload these Pages, not the Entire LaB.

**Answer 3.a-J This is your turn to write the SQL that would create the output as described. Work out your answer using Management Studio and then copy/paste just your sql commands below. You do not need to upload the result set.**

3.a

SELECT avg(product\_wholesale\_price) as avg\_wholesale, avg(product\_retail\_price) as avg\_retail FROM fudgemart\_products

3.b

SELECT employee\_department, avg(employee\_hourlywage) as average\_hourly\_wage FROM fudgemart\_employees

GROUP BY employee\_department

ORDER BY average\_hourly\_wage asc

3.c

SELECT vendor\_id, vendor\_name, avg(product\_wholesale\_price) as avg\_wholesale, avg(product\_retail\_price) as avg\_retail FROM fudgemart\_products

JOIN fudgemart\_vendors ON vendor\_id = product\_vendor\_id

GROUP BY vendor\_id, vendor\_name

3.d

SELECT employee\_jobtitle, employee\_department, count(employee\_jobtitle) as count\_of\_employees FROM fudgemart\_employees

WHERE employee\_jobtitle = 'Sales Associate' and (select count(employee\_jobtitle) from fudgemart\_employees) > 1

GROUP BY employee\_jobtitle, employee\_department

ORDER BY count\_of\_employees asc

3.e

SELECT vendor\_id, vendor\_name, max(product\_retail\_price) as most\_expensive\_item, min(product\_retail\_price) as least\_expensive\_item FROM fudgemart\_products

JOIN fudgemart\_vendors ON vendor\_id = product\_vendor\_id

GROUP BY vendor\_id, vendor\_name

ORDER BY vendor\_id asc

3.f

SELECT month(timesheet\_payrolldate) as timesheet\_month, sum(employee\_hourlywage \* timesheet\_hours) as total\_pay FROM fudgemart\_employee\_timesheets

JOIN fudgemart\_employees ON timesheet\_employee\_id = employee\_id

WHERE year(timesheet\_payrolldate)=2006

GROUP BY month(timesheet\_payrolldate)

ORDER BY timesheet\_month asc

3.g

SELECT vendor\_id, vendor\_name, count(product\_vendor\_id) as product\_count FROM fudgemart\_vendors

LEFT JOIN fudgemart\_products ON vendor\_id = product\_vendor\_id

GROUP BY vendor\_id, vendor\_name

ORDER BY vendor\_id asc

3.h

SELECT employee\_firstname + ' ' + employee\_lastname as employee\_fullname, employee\_jobtitle, employee\_department, count(product\_name) as product\_count FROM fudgemart\_employees

LEFT JOIN fudgemart\_products ON employee\_department = product\_department

WHERE employee\_jobtitle = 'Department Manager'

GROUP BY employee\_firstname, employee\_lastname, employee\_jobtitle, employee\_department

ORDER BY product\_count asc