# 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 \* FROM fudgemart\_products

WHERE product\_department = 'Sporting Goods'

ORDER BY product\_name asc

3.b

SELECT employee\_lastname, employee\_firstname, employee\_department, employee\_hourlywage FROM fudgemart\_employees

WHERE employee\_department = 'Customer Service' AND employee\_hourlywage > 15.00

ORDER BY employee\_hourlywage asc

3.c

SELECT TOP 5 product\_name, product\_department, product\_retail\_price, product\_wholesale\_price, product\_retail\_price - product\_wholesale\_price as product\_markup FROM fudgemart\_products

ORDER BY product\_markup desc

3.d

SELECT TOP 2 employee\_firstname + ' ' + employee\_lastname as employee\_name, employee\_hourlywage FROM fudgemart\_employees

ORDER BY employee\_hourlywage desc

3.e

SELECT TOP 10 timesheet\_id, timesheet\_payrolldate, timesheet\_employee\_id, timesheet\_hours FROM fudgemart\_employee\_timesheets

WHERE DATENAME(month,timesheet\_payrolldate) = 'December'

ORDER BY timesheet\_hours desc

3.f

SELECT vendor\_name, product\_department, product\_name FROM fudgemart\_products

INNER JOIN fudgemart\_vendors ON fudgemart\_products.product\_vendor\_id = fudgemart\_vendors.vendor\_id

ORDER BY vendor\_name, product\_department, product\_name asc

3.g

SELECT product\_name, product\_wholesale\_price, product\_add\_date FROM fudgemart\_products

INNER JOIN fudgemart\_vendors ON fudgemart\_products.product\_vendor\_id = fudgemart\_vendors.vendor\_id--

WHERE vendor\_name = 'Mikey'

ORDER BY product\_add\_date asc

3.h

SELECT TOP 10 timesheet\_id, timesheet\_payrolldate, timesheet\_employee\_id, timesheet\_hours FROM fudgemart\_employee\_timesheets

WHERE DATENAME(month,timesheet\_payrolldate) = 'December'

ORDER BY timesheet\_hours desc

3.i

SELECT DISTINCT employee\_firstname + ' ' + employee\_lastname as employee\_name, employee\_department FROM fudgemart\_employees

INNER JOIN fudgemart\_employee\_timesheets ON fudgemart\_employees.employee\_id = fudgemart\_employee\_timesheets.timesheet\_employee\_id

WHERE timesheet\_hours > 40

ORDER BY employee\_department asc

3.j

SELECT \* FROM fudgemart\_vendors

WHERE vendor\_website IS NULL

3.k

If we run

SELECT \* FROM INFORMATION\_SCHEMA.TABLES

We can see a few columns such as TABLE\_SCHEMA or TABLE\_NAME. What this means for us is that we have a way of viewing metadata related to our tables. This is useful for planning the logical model of our database and can be used to view each table and its relations.