Michael Campbell

X52.9272

Sat 9:00-1:00PM

June 5, 2010

HW # 2 Session 4

Perform the following query/calculations in either **MySql** or **Oracle**

1. Display all student information, and the first 10 character of the combined lastname, firstname
2. Count the number of students

SELECT count(\*)

FROM student;

1. Count, sum and average the prices of all courses

SELECT count(\*)

FROM course;

SELECT sum(price)

FROM course;

SELECT avg(price)

FROM course;

1. Display all information for students taking courses containing the word 'Web'

SELECT description

FROM course

WHERE description LIKE '%web%';

Perform the following query/calculations in both **MySql** and **Oracle**

1. Display today's date

MySql: SELECT CURDATE();

Oracle: SELECT SYSDATE

FROM DUAL;

1. Compute how old you are in days (substitute any day you wish)

MySql: SELECT DATEDIFF('1987-03-31', NOW());

Oracle: SELECT sysdate - TO\_DATE('31-mar-87')

FROM Dual;

1. Compute how many hours left in this year

MySql: SELECT TIMESTAMPDIFF( hour, NOW( ), '2011-01-01 00:00:00');

Oracle:

1. Display the date for next week for the same day as today.

MySql: SELECT TIMESTAMPADD(DAY, 7, NOW());

Oracle: SELECT sysdate + 7

FROM dual;

1. Add 2.5 hours to the current time

MySql: SELECT TIMESTAMPADD(HOUR, 2.5, NOW());

Oracle: SELECT to\_char( to\_date('6/15/10 05:30', 'mm/dd/yy hh:mi') + 2.5/24, 'yy/mm/dd hh:mi:ss' )

FROM dual

1. Display the date and time for 1:00pm for the first day of this year, using format: Day, Mon DD YYYY HH:MI:SS PM

MySql: SELECT DATE\_FORMAT('2010-01-01 13:00:00', '%W, %M %e %Y %r')

Oracle: