Queries executed in class

select \* from employees;

describe employees;

-- Substr (arg, starting index, number of characters required)

select first\_name, substr(first\_name, 1, 4) from employees;

select first\_name, length(first\_name) from employees where employee\_id = 100;

select lpad('java', 10, ' '), rpad('java',10,' ');

select length(trim(' abcd ')), length(' abcd ');

select upper('john');

select upper(first\_name) from employees;

select lower(first\_name) from employees;

-- select initcap(first\_name) from employees;

-- instr will return the first occurance of the given character

select instr('sqlclass', 'l');

select \* from employees where upper(email)='SKING' ;

select \* from employees where email=upper('sking');

select trim('He' from 'HelloHworldH');

select trim('12' from '12345612');

select length(trim(email)), length(email) from employees;

-- replace character in a string replace( string, character to replace, character to be replaced

select replace('jack and jue', 'j','bl');

select round(50.123456, 5);

select round(146.698, -2);

-- negative 1 ie -1 is for tens place

select round(50.123456,5), truncate(50.123456,5);

-- select trim('590' from cast(phone\_number as CHAR)) from employees;  need to try

select mod(51,2), 50/2 ;

-- in oracle it uses a table named dual to execute expressions select mod(50,2) from dual;

select \* from employees where hire\_date > '1987-06-17';

select sysdate();

Select sysdate(), subdate(sysdate(), interval 1 year);

Select adddate(sysdate(), interval 1 month);

Select datediff(sysdate(),adddate(sysdate(), interval 1 month));

Select curdate();

Select current\_time();

-- hh:mm:ss

SELECT CONVERT\_TZ('2004-01-01 12:00:00','GMT','MET');

select last\_day(sysdate());

Select date\_format(curdate(),'%d/%m/%y');

Select date\_format(sysdate(), '%h:%i,%s %p');

describe employees;

SELECT 38.8, CAST(38.8 AS CHAR);

Select salary, salary + (commission\_pct\*salary) incsalary from employees;

-- ifnull(commission\_pct,0)

Select commission\_pct, ifnull(commission\_pct,0) from employees;

Select salary, salary + (ifnull(commission\_pct,0)\*salary) incsalary from employees;

-- update commission for all employees who are manager to 15%

-- calculate the increment based on commission\_pct

-- if(commission\_pct>0.3,'good','avg')

Select last\_name, if(commission\_pct>0.3,'good','avg') rating from employees;

Select nullif('hi','helloi');

Select first\_name, length(first\_name), last\_name, length(last\_name),

 nullif(length(first\_name),length(last\_name)) result from employees;

Select coalesce(null, null, 0);

select coalesce(commission\_pct, salary, 0) from employees;

Select coalesce(null, null, 'p3', 'p4',0);

Select last\_name, job\_id, salary,

case job\_id when 'IT\_PROG' then 1.10\*salary

When 'ST\_CLERK' then 1.15\*salary

When 'SA\_REP' then 1.20\*salary

Else salary end 'REVISED\_SALARY'

from employees;

Select avg(salary) from employees;

Select max(salary), min(salary), sum(salary), count(\*) from employees;

Select min(salary) from employees;

Select sum(salary) from employees;

select count(\*) from employees;

Select count(\*) from employees where salary > 10000;