SQL 2 SELECT In-class Exercise

**Use SQL Select statement to answer the following queries. Unless state otherwise, the case of strings is important, i.e. if I ask you to retrieve employee with name 'Peter’, you only retrieve employees with name ‘Peter’, but not 'peter', 'pEter', 'PETER', etc.**

**The ordering of the rows is not important, unless I ask you to sort the output.**

1. Suppose the clients are charged for $5 per hour for all employees working in a task; list the employee number of the employee who have earn less than $160 in a task for the company. Remove any duplicated employee number from the answer. The output should look like the following:

Employee Number

999

987

SELECT DISTINCT TaskAssignment.empno

FROM TaskAssignment

WHERE TaskAssignment.hours \* 5 <160;

2. List the name of the employee who has a name in which the third letter is an 'e'.

SELECT Name

FROM Employee

WHERE Name LIKE '\_\_n%';

3. List the employee's number, name, and salary for the employees having name ends with an 'n' or a 'y'. Moreover, the salary of the employee should not fall within the range of 2000 to 4000. Sort the result in descending order of name. The output should look like the following:

empno name salary

222 Sheron 5000

444 Cindy 5000

SELECT empno , Name , salary

FROM Employee

WHERE (Name LIKE '%n' OR Name LIKE '%y') AND salary NOT BETWEEN 2000 AND 3500;

4. List the department name, the established date, and the day of the week that the department was established for the department which was established on Monday.

dname estdate to\_char

RnD 2005-06-20 Mon

SELECT dname, estdate, TO\_Char(estdate, ‘Dy’)

FROM Department

WHERE TO\_Char(estdate, ‘Dy’) = ‘mon’;

5. For each employee, list the employee number and the number of tasks assigned to him or her.

empno No. of Assigned Tasks

999 3

987 2

666 1

SELECT Enpon , Count(tnum) as ‘no. og assign task’

FROM taskassignment

GROUP BY empno;

6. For each employee who has more than 2 assigned tasks, list the employee number and the number of tasks assigned to him or her.

empno No. of Assigned Tasks

999 3

SELECT Enpon , Count(tnum) as ‘no. og assign task’

FROM taskassignment

GROUP BY empno

HAVING Count(tnum) > 2;