**SQL (lab-2-Group functions)**

**16.** Display the Highest, Lowest, Total & Average salary of all staff. Label the columns

Maximum, Minimum, Total and Average respectively. Round the result to nearest

whole number.

SELECT ROUND(MAX(salary),0) "Maximum",

ROUND(MIN(salary),0) "Minimum",

ROUND(SUM(salary),0) "Sum",

ROUND(AVG(salary),0) "Average"

FROM employees;

**17.** Edit the above query and display the same for each Department Name.

select round(max(staff\_sal)) Highest,round(min(staff\_sal)) Lowest,round(sum(staff\_sal)) Total,

round(avg(staff\_sal)) Average from staff\_master group by Dept\_name;

**18.** Write a query to display number of people in each Department. Output should

display Department Code, Department Name and Number of People.

Select dept\_name, dept\_code ,count(\*) from Department\_master group by dept\_code and dept\_name;

**19.** Determine the number of managers without listing them. Label the column as

‘Total Number of Managers’.

select count(distinct(mgr\_code)) as total\_number\_of\_managers from staff\_master;

**20.** Display Manager Code, Manager Name and salary of lowest paid staff in that

manager’s team. Exclude any group where minimum salary is less than 10000. Order

the result on descending order of salary

SELECT manager\_code, manager\_name, MIN(salary)

FROM employees

WHERE manager\_id IS NOT NULL

GROUP BY manager\_id

HAVING MIN(salary) > 10000

ORDER BY MIN(salary) DESC;