**KIT712 Tutorial 4: Advance SQL Extra Questions**

**SQL QUERIES**

**Multiple Table Queries (joins)**

1. Write a query in SQL to display those employees who contain a letter z to their first name and also display their last name, department, city, and state province

SELECT E.first\_name,E.last\_name, D.department\_name, L.city, L.state\_province FROM employees E JOIN departments D ON E.department\_id = D.department\_id JOIN locations L ON D.location\_id = L.location\_id WHERE E.first\_name LIKE '%z%';

1. Write a query in SQL to display the first and last name and salary for those employees who earn less than the employee earn whose number is 182.

SELECT E.first\_name, E.last\_name, E.salary FROM employees E, employees S where E.salary < S.salary AND S.employee\_id = 182;

1. Write a query in SQL to display the first name, last name, department number and name, for all employees who have or have not any department.

SELECT E.first\_name, E.last\_name, E.department\_id, D.department\_name

FROM employees E

LEFT OUTER JOIN departments D

ON E.department\_id = D.department\_id;

***Subqueries***

1. Write a query in SQL to display the first and last name and salary for those employees who earn less than the employee earn whose number is 182.

SELECT E.first\_name, E.last\_name, E.salary FROM employees E where E.salary < (select salary from employees S where S.employee\_id = 182);