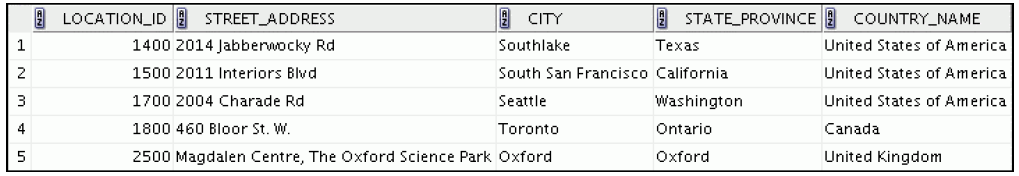
1. Write a query for the HR department to produce the addresses of all the departments. Use

the LOCATIONS and COUNTRIES tables. Show the location ID, street address, city, state or province, and country in the output.

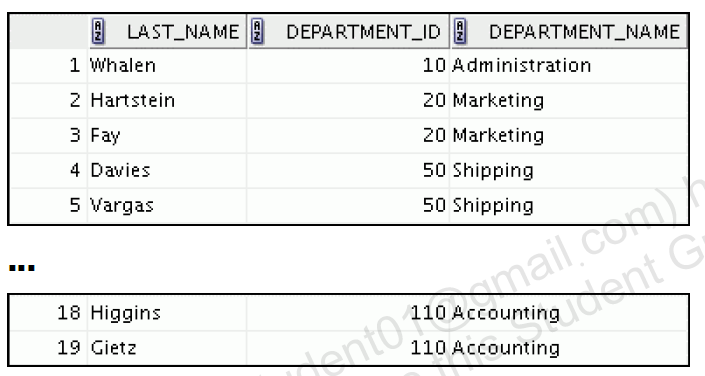
**SELECT distinct l.location\_id,street\_address,city, state\_province,country\_name from departments d join locations l join countries c on d.location\_id=l.location\_id and l.country\_id=c.country\_id;**



2. The HR department needs a report of all employees. Write a query to display the last name,

department number, and department name for all the employees.

**SELECT e.last\_name,d.department\_id,d.department\_name FROM employees e join departments d using(department\_id) ;**



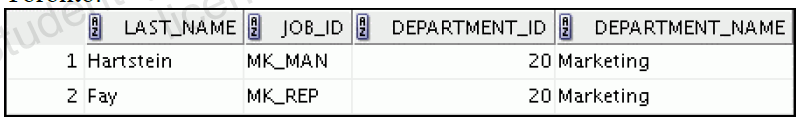
3. Create a report to display employees’ last names and employee number along with their

managers’ last names and manager number. Label the columns Employee, Emp#,

Manager, and Mgr#, respectively. Save your SQL statement as lab\_06\_04.sql. Run

the query.

SELECT last\_name,employee\_id,department\_id,department\_name FROM employees join departments USING(department\_id);

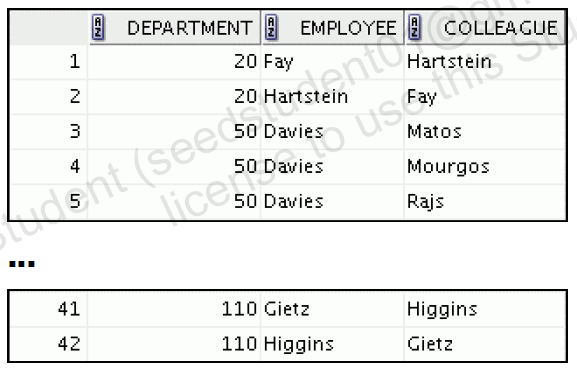


4. Create a report for the HR department that displays employee last names, department

numbers, and all the employees who work in the same department as a given employee. Give

each column an appropriate label.

SELECT last\_name,department\_id



5. The query should display the last name and hire date of any employee who work in the same

department in which Zlotkey (last name of an employee) work (excluding that employee).

**SELECT last\_name,hire\_date FROM employees WHERE department\_id= (SELECT department\_id FROM employees WHERE last\_name=”Zlotkey” ) and last\_name<>”Zlotkey”;**

6. Create a report that displays the employee number, last name, and salary of all employees

who earn more than the average salary. Sort the results in order of ascending salary.

**SELECT employee\_id,last\_name,salary FROM employees WHERE salary>(SELECT avg(salary) FROM employees) ORDER BY salary asc;**

7. Write a query that displays the employee number and last name of all employees who work

in a department with any employee whose last name contains a “u.”

**SELECT employee\_id,last\_name FROM employees JOIN departments USING(department\_id) WHERE department\_name LIKE “%u%”;**

8. The HR department needs a report that displays the last name, department number, and job ID

of all employees whose department location ID is 1700.

**SELECT last\_name,department\_id,job\_id FROM employees join departments Using(department\_id) WHERE location\_id=1700;**

9. Create a report for HR that displays the department number, last name, and job ID for every

employee in the Executive department.

**SELECT department\_id,last\_name,job\_id FROM employees JOIN departments USING(department\_id) where department\_name=”Executive”;**

10. display the employee number, last name, and salary of all employees who earn more than the

average salary and who work in a department with any employee whose last name contains a

“u.”

**SELECT employee\_id,last\_name,salary FROM employees WHERE salary>(SELECT avg(salary) FROM employees) AND last\_name LIKE "%u%";**