

Activity 01:

Write a query to display the last name, department number, and department name for all employees.

```
SELECT e.last_name, e.department_id, d.department_name
FROM employees e, departments d
WHERE e.department_id = d.department_id
```

Activity 02:

Write a query to display the employee last name, department name, location ID, and city of all employees who earn a commission.

```
SELECT e.last_name, d.department_name, d.location_id, l
.city FROM employees e, departments d, locations l
WHERE e.department_id = d.department_id
AND d.location_id = l.location_id
AND e.commission_pct IS NOT NULL
```

Activity 03:

Write a query to display the last name, job, department number, and department name for all employees who work in Toronto.

```
SELECT e.last_name, e.job_id, e.department_id, d.depart
ment_name
FROM employees e JOIN departments d
ON (e.department_id = d.department_id) JOIN locations l
ON (d.location_id = l.location_id)
WHERE LOWER(l.city) = 'toronto'
```

Activity 04:

Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions and Title.

```
SELECT last_name, salary, commission_pct FROM employees
WHERE commission_pct IS NOT NULL
ORDER BY salary DESC, commission_pct DESC
```

Activity 05:

Display the employee last name and employee number along with their manager's last name and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, respectively.

```
SELECT w.last_name "Employee", w.employee_id "EMP#", m.  
last_name "Manager", m.employee_id "Mgr#"  
FROM employees w join employees m  
ON (w.manager_id = m.employee_id)
```