Join Exercises: (uSE THE employees and departments TABLES)



1. List the department numbers and department names, salary, manager's last\_name and hire\_date of all department managers.

SELECT d.department\_id, department\_name, salary, last\_name, hire\_date

FROM employees e join departments d

on e.employee\_id = d.manager\_id

2. For each manager, create a list of people (staff or other managers) in his/her department whose salary is greater than that manager’s salary.

SELECT S.LAST\_NAME, S.DEPARTMENT\_ID,S.JOB\_ID, S.SALARY, 'GREATER THAN > ', M.SALARY, M.LAST\_NAME

FROM EMPLOYEES S JOIN EMPLOYEES M

ON S.DEPARTMENT\_ID = M.DEPARTMENT\_ID

WHERE (M.JOB\_ID LIKE '%MAN%' or M.JOB\_ID LIKE '%MGR%') and

S.JOB\_ID NOT LIKE '%MAN%' AND S.JOB\_ID NOT LIKE '%MGR'

AND S.SALARY > M.SALARY

1. Find all employees who have salaries greater than 2500 who are not in

Departments 10 or 110. Print out their department\_id, employee\_id

department\_name, salary, hire\_date and any previous job Titles they

had held at the Company.

select department\_id, e.employee\_id, d.department\_name, e.salary, e.hire\_date, e.job\_id "Current Job", j.job\_id "Past Jobs"

from departments d join employees e

using (department\_id) join job\_history j using (department\_id)

where e.salary > 2500 and department\_id not in (10,110)

order by e.employee\_id