/\*1. Display last name, job title of employees who have commission percentage and belongs to department 30.\*/

select emp.last\_name, jb.job\_title

from hr.employees emp left join hr.jobs jb

on emp.job\_id = jb.job\_id

where commission\_pct is not null and department\_id = 80;

/\*2. Display department name, manager name, and salary of the manager for all managers whose experience is more than 5 years.\*/

select department\_name, first\_name, salary

from hr.employees emp left join hr.job\_history jh

on emp.job\_id = jh.job\_id

left join hr.departments dep

on emp.manager\_id = dep.manager\_id

where months\_between(sysdate,hire\_date) > 180;

/\*3. Display employee name if the employee joined before his manager.\*/

select emp.first\_name , emp.hire\_date, man.first\_name, man.hire\_date

from hr.employees emp left join hr.employees man

on emp.manager\_id = man.employee\_id

where emp.hire\_date < man.hire\_date;

/\*4. Display employee name, job title for the jobs, employee did in the past where the job was done less than six months.\*/

select first\_name, job\_title, months\_between(end\_date,hire\_date)

from hr.employees emp left join hr.job\_history jh

on emp.job\_id = jh.job\_id

left join hr.jobs j

on emp.job\_id = j.job\_id

where months\_between(end\_date,hire\_date) > 6;

/\*5. Display department name, average salary and number of employees with commission within the department.\*/

select department\_name, avg(salary), count(case when commission\_pct is not null then employee\_id end)

from hr.departments dep left join hr.employees emp

on dep.department\_id = emp.department\_id

group by dep.department\_name;

/\*6. Display employee name and country in which he is working.\*/

select first\_name , country\_name

from hr.employees emp left join hr.departments dep

on emp.department\_id = dep.department\_id

left join hr.locations loc

on loc.location\_id = dep.location\_id

left join hr.countries con

on loc.country\_id = con.country\_id;

select \* from hr.countries;