**Sub Queries**

1. select \* from hr.employees where salary > (select avg(salary) from hr.employees);
2. SELECT

employee\_id,

first\_name,

last\_name,

salary,

department\_id

FROM

hr.employees e

WHERE

salary > (SELECT

AVG(salary)

FROM

hr.employees

WHERE

department\_id = e.department\_id)

ORDER BY

department\_id ,

first\_name ,

last\_name;

**Joins**

**Natural Join**

select EMPLOYEE\_ID, FIRST\_NAME,SALARY,DEPARTMENT\_ID, DEPARTMENT\_NAME from hr.employees natural join hr.departments;

**Equi Join**

select EMPLOYEE\_ID, FIRST\_NAME,D.DEPARTMENT\_ID, DEPARTMENT\_NAME from hr.employees E join hr.departments D on E.DEPARTMENT\_ID = D.DEPARTMENT\_ID;

select EMPLOYEE\_ID, FIRST\_NAME,D.DEPARTMENT\_ID, DEPARTMENT\_NAME from hr.employees E join hr.departments D ON E.DEPARTMENT\_ID = D.DEPARTMENT\_ID WHERE D.DEPARTMENT\_ID != 50;

**Cross Join**

select \* from hr.employees cross join hr.departments;