Joins, Union, Subquery,Sequence

\*\*\*\*\*\*\*\*\*\*\*\*joins\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. select dept\_name and emp\_name where dept\_id is same.

2. select all from both tables where dept\_id is same.

3. select dept\_id and sum of salary group it by dept\_id.

4. select dept\_name and emp\_name apply right outer join and left outer join.

5. select emp\_name with their respective manager names.

6. select epm\_name with their respective department names.

\*\*\*\*\*\*\*\*\*\*\*\*\*union\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Emp1 Emp2

emp\_no emp\_name emp\_no emp\_name

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1 A 1 A

2 B 2 B

3 C 4 D

5 E

1. select same data from both table.

\*\*\*\*\*\*\*\*\*\*\*\*subQuery\*\*\*\*\*\*\*\*\*\*\*\*\*

1. select employee having same salary as 'Arun'.

2. select employee belonging to same dept as 'jack'.

3. select name of employee havin lowest salary.

4. update salary =15000 of employees belonging to same dept as 'Max'.

/\*Joins, Union, Subquery,Sequence

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\*/

create database whitewalker2;

use whitewalker2;

create table Department

(

dept\_id int not null,

dept\_name varchar(50) not null,

primary key(dept\_id)

);

create table employee

(

empid int not null ,

emp\_name varchar(50) not null,

dept\_id int not null,

salary double,

manager char(50),

constraint employee\_fk foreign key(dept\_id) references department(dept\_id)

);

alter table employee

add man\_name varchar(50);

insert into department values(1,'finance');

insert into department values(2,'training');

insert into department values(3,'marketing');

insert into employee values(1,'arun',1,8000, 4);

insert into employee values(2,'kiran',1,7000,1);

insert into employee values(3,'scot',1,3000,1);

insert into employee values(4,'max',2,9000,null);

insert into employee values(5,'jack',2,8000,4);

insert into employee values(6,'king',3,6000,1);

update employee

set man\_name="suman sing"

where dept\_id=1;

update employee

set man\_name="parab"

where dept\_id=2;

update employee

set man\_name="dhanaji"

where dept\_id=3;

select department.dept\_name ,employee.emp\_name

from department

inner join employee

on department.dept\_id=employee.dept\_id;

select \*

from department

inner join employee

on department.dept\_id=employee.dept\_id;

-- select dept\_id and sum of salary group it by dept\_id.

select department.dept\_id, sum(employee.salary) as "employee salary"

from department

inner join employee

on department.dept\_id=employee.dept\_id

group by dept\_id;

-- select dept\_name and emp\_name apply right outer join and left outer join.

select dept\_name, emp\_name

from department

left join employee

on department.dept\_id=employee.dept\_id;

select dept\_name, emp\_name

from department

right join employee

on department.dept\_id=employee.dept\_id;

-- select emp\_name with their respective manager names.

select emp\_name,man\_name

from department

join employee

on department.dept\_id=employee.dept\_id;

-- select epm\_name with their respective department names.

select emp\_name,dept\_name

from department

join employee

on department.dept\_id=employee.dept\_id;

-- select employee having same salary as 'Arun'.

select \* from employee where salary=(select salary from employee where emp\_name='arun');

-- select employee belonging to same dept as 'jack'

select \* from employee where dept\_id=(select dept\_id from employee where emp\_name='jack');

-- select name of employee havin lowest salary.

select \* from employee where salary=(select min(salary) from employee);

-- update salary =15000 of employees belonging to same dept as 'Max'.

update employee

set salary=15000

where dept\_id=(select dept\_id from (select dept\_id from employee where emp\_name='max')a)and emp\_name!='max';

create table emp1(emp\_no int,emp\_name varchar(50));

create table emp2(emp\_no int,emp\_name varchar(50));

insert into emp1 values(1,'A');

insert into emp1 values(2,'B');

insert into emp1 values(3,'C');

insert into emp2 values(1,'A');

insert into emp2 values(2,'B');

insert into emp2 values(4,'D');

insert into emp2 values(5,'E');

(select \* from emp1)

union

(select \* from emp2);