Name: K. Praveen kumar

Day-2 ASSIGNMENT

Creating a Table:

create table employee\_details(id int,name varchar(20),age varchar(30),city varchar(20), salary varchar(20));

Inserting data into Table:

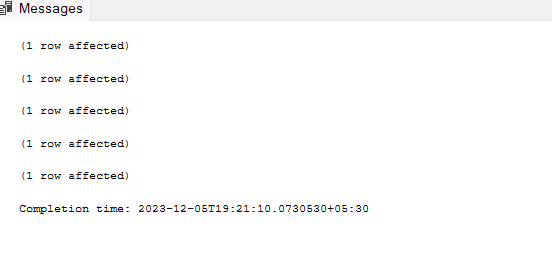
insert into employee\_details(id,name,age,city,salary) VALUES('101','john','26','chennai','25000');

insert into employee\_details(id,name,age,city,salary) VALUES('102','ram','26','chennai','30000');

insert into employee\_details(id,name,age,city,salary) VALUES('103','sri','26','chennai','50000');

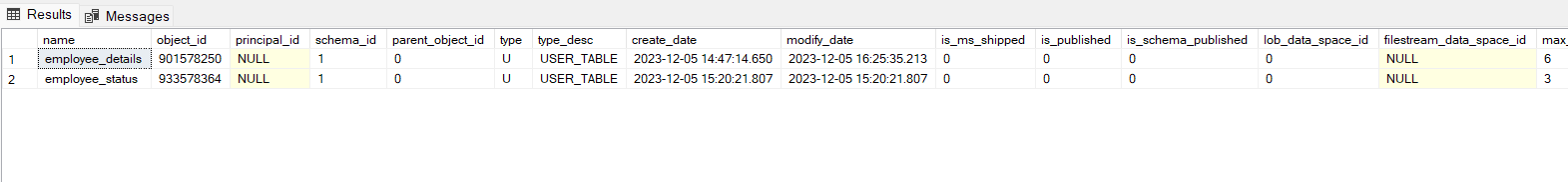
insert into employee\_details(id,name,age,city,salary) VALUES('104','snow','26','chennai','30000');

insert into employee\_details(id,name,age,city,salary) VALUES('105','sam','26','chennai','25000');



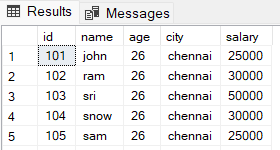
To show Tabels:

select \* from sys.tables;



To display rows and columns of a Table:

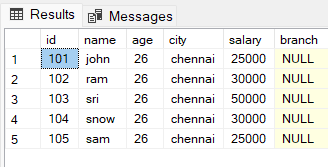
select \* from employee\_details;



To update a Table:

alter table employee\_details

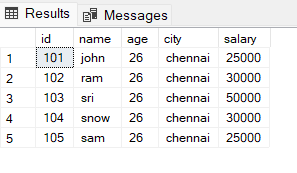
add branch varchar;



To drop a column:

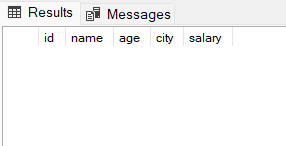
alter table employee\_details

drop column branch;



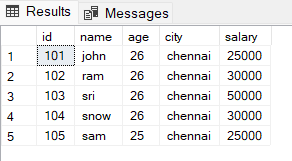
To delete all Rows:

truncate table employee\_details;



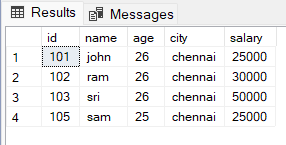
To update a record :

update employee\_details set age='25' where id='105';



To delete a record:

delete from employee\_details where id ='104'



Creation of another Table:

create table employee\_status(id int,working\_status varchar(10),experience varchar(20));

Inserting a data:

insert into employee\_status(id,working\_status,experience)values('101','working','5yrs');

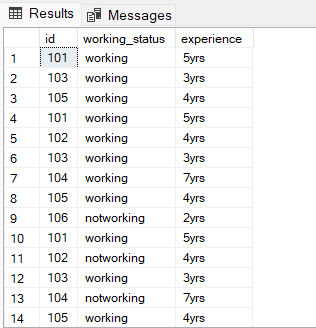
insert into employee\_status(id,working\_status,experience)values('102','notworking','4yrs');

insert into employee\_status(id,working\_status,experience)values('103','working','3yrs');

insert into employee\_status(id,working\_status,experience)values('104','notworking','7yrs');

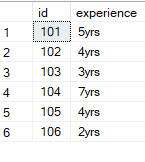
insert into employee\_status(id,working\_status,experience)values('105','working','4yrs');

insert into employee\_status(id,working\_status,experience)values('106','notworking','2yrs');



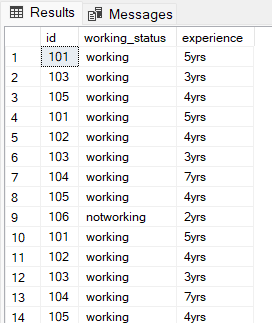
**Distinct :** There are duplicate ID’s in the above table. So the distinct keyword is used to show the different id’s.

select distinct id,experience from employee\_status;



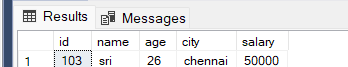
**Updating a record using where clause**:

update employee\_status set working\_status = 'working' where experience > '2yrs';



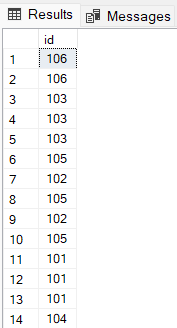
**Where clause:**

select \* from employee\_details where salary>'30000';



**Order by**:

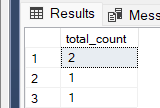
select id from employee\_status order by experience asc;

****

**Group by and count:**

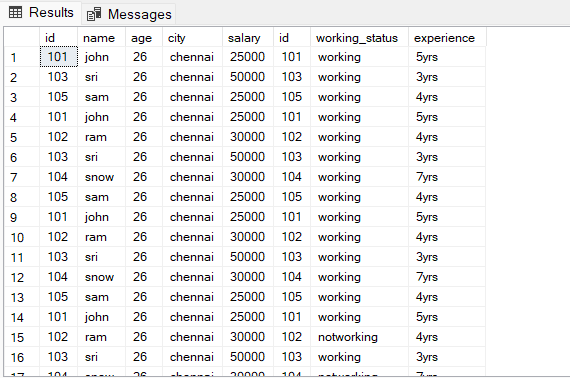
select count(salary) as total\_count from employee\_details

group by salary;



Join:

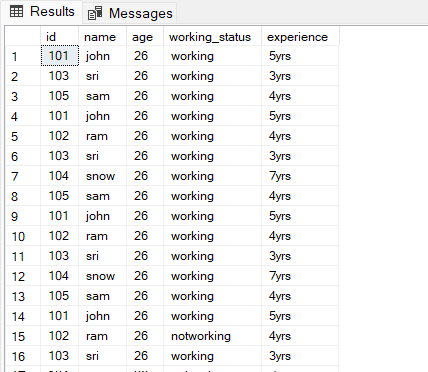
select \* from employee\_details join employee\_status on employee\_details.id=employee\_status.id;



Inner join:

select employee\_details.id,employee\_details.name,employee\_details.age,employee\_status.working\_status,employee\_status.experience

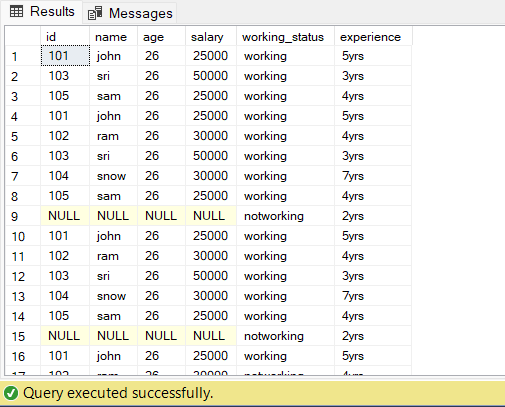
from employee\_details inner join employee\_status on employee\_details.id = employee\_status.id;



Right join:

select employee\_details.id,employee\_details.name,employee\_details.age,employee\_details.salary,employee\_status.working\_status,employee\_status.experience

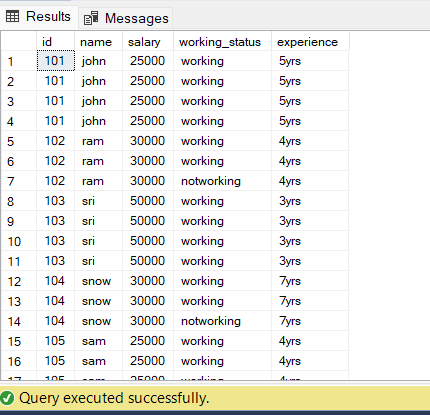
from employee\_details right join employee\_status on employee\_details.id = employee\_status.id;



Left join:

select employee\_details.id,employee\_details.name,employee\_details.salary,employee\_status.working\_status,employee\_status.experience

from employee\_details left join employee\_status on employee\_details.id = employee\_status.id;



Outer join:

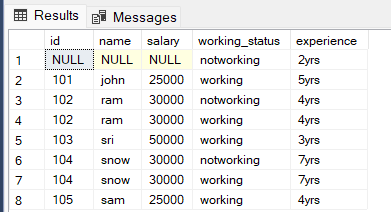
select employee\_details.id,employee\_details.name,employee\_details.salary,employee\_status.working\_status,employee\_status.experience

from employee\_details right join employee\_status on employee\_details.id = employee\_status.id

union

select employee\_details.id,employee\_details.name,employee\_details.salary,employee\_status.working\_status,employee\_status.experience

from employee\_details left join employee\_status on employee\_details.id = employee\_status.id



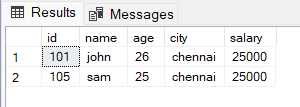
AND:

select \* from employee\_details where city='chennai' and age='25';



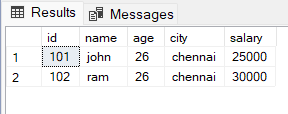
IN:

SELECT \* FROM employee\_details WHERE id IN ('101', '105');



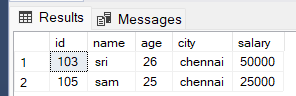
NOT:

SELECT \* FROM employee\_details WHERE name NOT LIKE 's%';



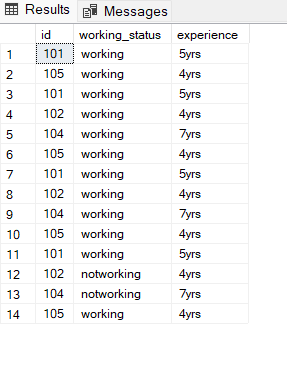
OR:

select \* from employee\_details where salary>'30000' or age='25';



Between:

select \* from employee\_status where experience between '4yrs' and '7yrs';



Here are the few results which I have taken in online compiler: