Learning Never Ends

<https://www.youtube.com/playlist?list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm>

1- How To Find Nth Highest Salary In SQL Server

**select \* from employee\_tbl;**

**select max(salary) as MAx\_Salary from employee\_tbl;**

**select min(salary) as MIn\_Salary from employee\_tbl;**

**-- 1st Query for nth highest value**

**select top 1 salary from**

**(select distinct top 2 salary from employee\_tbl order by salary desc)**

**as Salary\_Col**

**order by salary asc;**

**select \* from employee\_tbl;**

**-- 2nd Query for nth highest value**

**select \* from employee\_tbl where salary =**

**(**

**select min(salary) from employee\_tbl where salary in**

**(**

**select distinct top 3 salary from employee\_tbl order by salary desc**

**)**

**);**

## **2 – How To Find Duplicate Rows In SQL Server**

**create table MyEmployees**

**(**

**emp\_id int,**

**emp\_name varchar(50)**

**);**

**insert into MyEmployees values**

**(1,'Amir'),**

**(2,'Varun'),**

**(3,'Samrita'),**

**(1,'Amir'),**

**(4,'Zain'),**

**(2,'Varun'),**

**(5,'Ali');**

**select \* from MyEmployees;**

**select emp\_id, emp\_name from MyEmployees**

**group by emp\_id, emp\_name**

**having count(emp\_id) > 1;**

## **3 – What Is The Result Of (null = null) ?? In SQL Server**

if(null = null)

begin

print('hello')

end

else

begin

print('bye')

end

## **4 – How To Delete From Multiple Tables In SQL Server**

create table Customer\_tbl

(

C\_id int primary key,

C\_Name varchar(50),

C\_Address varchar(max),

City varchar(50)

);

insert into Customer\_tbl values(1,'Ali','Latifabad No: 8','Hyderabad');

insert into Customer\_tbl values(2,'Anas','Latifabad No: 3','Hyderabad');

insert into Customer\_tbl values(3,'Zain','Latifabad No: 6','Hyderabad');

insert into Customer\_tbl values(4,'Amir','Latifabad No: 7','Hyderabad');

select \* from Customer\_tbl;

create table [order]

(

Ord\_Id int primary key,

Item varchar(50),

Quantity int,

Price\_Of\_1 int,

C\_id int foreign key references Customer\_tbl(C\_id)

on delete cascade

on update cascade

);

insert into [order] values(111,'Hardisk', 2, 500,3);

insert into [order] values(222,'Ram', 1, 300,1);

insert into [order] values(333,'Keyboard', 3, 400,4);

insert into [order] values(444,'Mouse', 2,300,2);

insert into [order] values(555,'Speaker', 1,3000,2);

select \* from Customer\_tbl;

select \* from [order];

drop table Customer\_tbl;

drop table [order];

delete from Customer\_tbl where C\_id = 2;

update Customer\_tbl set C\_id = 7 where C\_id = 1;

alter table [order] drop constraint [FK\_\_order\_\_C\_id\_\_56B3DD81];

alter table [order] add constraint FK\_Customer\_Order\_Cascade

foreign key (C\_id) references customer\_tbl(C\_id)

on delete cascade

on update cascade;

**5 – How To Delete Duplicate Rows In SQL Server**

create table MyEmployees

(

emp\_id int,

emp\_name varchar(50)

);

insert into MyEmployees values

(1,'Amir'),

(2,'Varun'),

(3,'Samrita'),

(1,'Amir'),

(4,'Zain'),

(2,'Varun'),

(5,'Ali');

select \* from MyEmployees;

delete from MyEmployees where emp\_id in

(select emp\_id from MyEmployees

group by emp\_id

having count(emp\_id) > 1);

## **6 – How To Delete Duplicate Rows But Keep One In SQL Server**

create table MyEmployees

(

emp\_id int,

emp\_name varchar(50)

);

insert into MyEmployees values

(1,'Amir'),

(2,'Varun'),

(3,'Samrita'),

(1,'Amir'),

(4,'Zain'),

(2,'Varun'),

(5,'Ali'),

(1,'Amir');

select \* from MyEmployees;

with Delete\_Duplicate\_CTE

as

(

select emp\_id, row\_number() over (partition by emp\_id order by emp\_id)

as [Row\_Numbers]

from MyEmployees

)

delete Delete\_Duplicate\_CTE where Row\_Numbers > 1

## **7 – Different between DBMS & RDBMS**

<https://www.youtube.com/watch?v=K3PwiOQwhVI&list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm&index=7>

## **8 – Normalization**

<https://youtu.be/VOieOB0cWX0?list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm>

## **9 – char vs Varchar**

<https://youtu.be/Q653Fw9etQI?list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm>

## **9 – Truncate Vs delete**

<https://youtu.be/lFOtja6kieQ?list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm>

## **10 – Are Null Values Same as of Zero or Blank space**

<https://youtu.be/H91CNW6eejc?list=PLX07l0qxoHFIG0sLEqcnq02qtg9Jsgysm>