**#-- Mysql Queries**

1. select Notes,UpdatedDate from Note where Deleted = 0 and Notes = 'ddd' order by UpdatedDate Asc;
2. select n.Notes from Note as n left join Asset as a on n.AssetId = a.Id where n.Deleted = 0 and n.Notes like '%ddd%'

order by

case

when n.Notes like 'ddd' then 1

when n.Notes like 'ddd%' then 2

when n.Notes like '%ddd' then 4

else 3

end

1. select Notes,UpdatedDate from Note where Deleted = 0 and Notes = 'ddd' order by UpdatedDate Asc;
2. select CurrentDispositionId,max(PurchasePrice) from Disposition where Deleted = 0 and PurchasePrice >=5000000 group by CurrentDispositionId;

#--------- SQL Server Queries -----

select @@SERVERNAME

create database testdb;

use testdb;

CREATE TABLE Persons (

PersonID int,

LastName varchar(255),

FirstName varchar(255),

Address varchar(255),

City varchar(255)

);

select \* from Persons;

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('22', 'Tom', 'Stavanger', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('33', 'akmal', 'eache', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('44', 'rohan', 'ghor', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('55', 'shekhar', 'maske', '4006', 'Norway');

CREATE TABLE Courses (

CourseID int,

Course varchar(255),

Duration\_hours varchar(255),

Fee varchar(255)

);

#----- Bulk Insert CSV file.

bulk insert Courses

from 'E:\Courses.csv'

with (

format = 'CSV',

Firstrow = 2,

fieldterminator = ',',

rowterminator = '\n'

)

Go

select \* from Courses;

Alter table Courses add PersonID int;

#--- - Find Duplicate record.

select PersonID, FirstName, COUNT(PersonID) from Persons

group by PersonID, FirstName

having count(PersonID) > 1

#---- Delete duplicate records

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId) as InstanceNumber

from Persons

group by PersonID, FirstName

select \* from Persons

where FirstName= 'shekhar' and PersonID='55'

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId) as InstanceNumber

from Persons where FirstName= 'shekhar' and PersonID='55';

#---deleted duplicates records final query

WITH InstanceTable AS (

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId)

as InstanceNumber

from Persons

)

Delete from InstanceTable where InstanceNumber > 1;

select \* from Persons;

# ----------------- Join Queries

CREATE DATABASE BookStore;

use BookStore;

CREATE TABLE Books

(

Id INT PRIMARY KEY IDENTITY(1,1),

Name VARCHAR (50) NOT NULL,

Price INT,

CategoryId INT,

AuthorId INT

)

CREATE TABLE Categories

(

Id INT PRIMARY KEY,

Name VARCHAR (50) NOT NULL,

)

CREATE TABLE Authors

(

Id INT PRIMARY KEY,

Name VARCHAR (50) NOT NULL,

)

INSERT INTO Categories

VALUES (1, 'Cat-A'),

(2, 'Cat-B'),

(3, 'Cat-C'),

(7, 'Cat-D'),

(8, 'Cat-E'),

(4, 'Cat-F'),

(10,'Cat-G'),

(12,'Cat-H'),

(6, 'Cat-I')

INSERT INTO Authors

VALUES (1, 'Author-A'),

(2, 'Author-B'),

(3, 'Author-C'),

(10, 'Author-D'),

(12, 'Author-E')

INSERT INTO Books

VALUES ( 'Book-A', 100, 1, 2),

( 'Book-B', 200, 2, 2),

( 'Book-C', 150, 3, 2),

( 'Book-D', 100, 3,1),

( 'Book-E', 200, 3,1),

( 'Book-F', 150, 4,1),

( 'Book-G', 100, 5,5),

( 'Book-H', 200, 5,6),

('Book-I', 150, 7,8)

select \* from Books;

select \* from Categories;

select \* from Authors;

#-- Inner Join

select b.Id,b.Name,c.Id,c.Name from Books as b inner join Categories as c on b.CategoryId = c.Id

where c.Id=3;

#-- Left Join (retrive all data from left table and null if not matches with second table)

select b.Id,b.Name,c.Id,c.Name from Books as b left join Categories as c on b.CategoryId = c.Id;

#-- Right Join (retrive all data from right table and null if not matches with first table)

select b.Id,b.Name,c.Id,c.Name from Books as b Right join Categories as c on b.CategoryId = c.Id;

#-- Full Join (retrive all data from both table)

select b.Id,b.Name,c.Id,c.Name from Books as b full join Categories as c on b.CategoryId = c.Id;

#--- where caluse

select \* from Books where (CategoryId <> 5 and AuthorId <> 2) or Price > 300;

#--- Without Join

select b.Id,b.Name,b.Price,c.Id,c.Name from

Books as b, Categories as c where b.CategoryId = c.Id and b.Price >= 200;

#---- subquery

select b.Id,b.Name,b.Price,c.Id,c.Name from

Books as b, Categories as c where b.CategoryId = c.Id and b.Price>=200 and b.CategoryId in

(select Id from Categories where Name in ('Cat-A','Cat-B'));

#--- Add new column

alter table Books add temp varchar(100);

SELECT TOP 5 \* FROM Books;

SELECT \* FROM Books;

#--- Update table values

Update Books set Price=500 where Name in('Book-E','Book-G');

Update Books set temp = 'Update'

where CategoryId = '2' or AuthorId = '1'

Update Books set temp = 'Min\_Price'

where Price > (select min(Price) from Books)

#--- Deleted category records from book table

Delete from Books

where CategoryId in (select c.Id from Categories as c where c.Name in ('Cat-C','Cat-F'))

#----- Select case query

select Name, Price,

case when (price > 100 and price < 500) then 'between 100 & 500'

when price <= 100 then 'less than or equal 100'

else 'greather than 500'

end as Text

from Books

#----------------- SQL server Mangement-------

select @@SERVERNAME

create database testdb;

use testdb;

CREATE TABLE Persons (

PersonID int,

LastName varchar(255),

FirstName varchar(255),

Address varchar(255),

City varchar(255)

);

select \* from Persons;

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('22', 'Tom', 'Stavanger', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('33', 'akmal', 'eache', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('44', 'rohan', 'ghor', '4006', 'Norway');

INSERT INTO Persons (PersonID, FirstName, LastName, Address, City)

VALUES ('55', 'shekhar', 'maske', '4006', 'Norway');

CREATE TABLE Courses (

CourseID int,

Course varchar(255),

Duration\_hours varchar(255),

Fee varchar(255)

);

#----- Bulk Insert CSV file.

bulk insert Courses

from 'E:\Courses.csv'

with (

format = 'CSV',

Firstrow = 2,

fieldterminator = ',',

rowterminator = '\n'

)

Go

select \* from Courses;

Alter table Courses add PersonID int;

#--- - Find Duplicate record.

select PersonID, FirstName, COUNT(PersonID) from Persons

group by PersonID, FirstName

having count(PersonID) > 1

#---- Delete duplicate records

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId) as InstanceNumber

from Persons

group by PersonID, FirstName

select \* from Persons

where FirstName= 'shekhar' and PersonID='55'

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId) as InstanceNumber

from Persons where FirstName= 'shekhar' and PersonID='55';

#---deleted duplicates records final query

WITH InstanceTable AS (

select PersonID, FirstName, ROW\_NUMBER() over (PARTITION BY PersonId, FirstName order by PersonId)

as InstanceNumber

from Persons

)

Delete from InstanceTable where InstanceNumber > 1;

select \* from Persons;