---Group By Having queries

Select FirstName, LastName, count(visit#) as "Number of visit#"

From Owners O Join Clients C

on O.ownerID = C.ownerId

Join Visits V

on C.ClientId = V .ClientId

group by Firstname,LastName

Having count(visit#)>1

Order by 2;

==============================================

Select Species, count(NeuteredSpayed)

From Clients C JOIN OWNERS O

ON C.OwnerID = O.OwnerID

Where NeuteredSpayed Like 'Yes'

Group by Species

Having count(NeuteredSpayed) > 1

Order by 2;

=========================================================

Select T.TreatmentID, Description, count(T.TreatmentID) as "Number of TreatmentID"

From TREATMENTS T JOIN VISITS V

on T.TreatmentID = V.TreatmentID

group by T.TreatmentID, Description

Having count(T.TreatmentID) > 2;

=========================================================

--Employees that have worked on cats

Select EmployeeID, LName, Etype

From Employees

Where EmployeeID in

(Select EmployeeID

From Visits

Where ClientId in

(Select ClientId

From Clients

Where Species = 'Cat'));

====================================================================

--Owners whose pets where helped by employee E03

Select OwnerID, FirstName, LastName

From OWNERS O, EMPLOYEES

Where OwnerID IN

(Select OwnerID

From Clients

Where ClientID IN

(Select ClientID

From Visits

WHERE EmployeeID IN

(SELECT VID

FROM VETERINARIANS

WHERE VID IN

(SELECT FID

FROM FullTime

WHERE FID IN (SELECT EmployeeID FROM EMPLOYEES)))))

AND EmployeeID = 'E03';

========================================================================

--Name and breed of all the dogs

Select NameOfPet, Breed

From Clients

Where ClientID in

(Select ClientID

From Visits

Where ClientId in

(Select ClientId

From Clients

Where Species = 'Dog'));

/\*Basic Test 1\*/

insert into CLIENTS values ('0031', 'Hulk', 'Dog', 'Pit Bull', 175, '2013-09-07', 'Male', 'No', 'O1');

insert into BOARDINGINFO values ('0031', 'E15', '2019-02-24', '2019-02-25', 'yes', '01101', 'opp0001');

SELECT\*

FROM BOARDINGINFO

/\*Basic Test 2\*/

insert into BOARDINGINFO values ('0032', 'E15', '2019-02-24', '2019-02-25', 'yes', '01101', 'opp0001');

insert into CLIENTS values ('0032', 'Rulk', 'Dog', 'Pit Bull', 170, '2013-09-07', 'Male', 'No', 'O1');

/\*Basic Test 3\*/

insert into CLIENTS values ('0033', 'Bulk', 'Dog', 'Pit Bull', 180, '2013-09-07', 'No', 'O1');

/\*Basic Test 4\*/

Create View Basic\_Test4 As

SELECT v.DateOfVisit, v.ReasonforVisit, v.Visit#, v.ClientID, v.EmployeeID, v.TreatmentID, vi.Price

FROM Visits v Join VisitItems vi

On v.Visit# = vi.Visit#

And v.TreatmentID = vi.TreatmentID

/\*Basic Test 5\*/

DELETE FROM Clients

WHERE ClientID = '0001'

/\*Basic Test 6\*/

insert into EMPLOYEES values ('E31' , 'Bruce' , 'Banner' , '1234 Wilshire Blvd.' , '4804705900' , 30 , '11/10/2019' , 0 , 'Full-Time');

SELECT\*

FROM EMPLOYEES

/\*Basic Test 7\*/

DELETE FROM Clients

WHERE ClientID = '0007'

/\*Basic Test 8\*/

insert into CLIENTS values ('0034', 'Shulk', 'Dog', 'Pit Bull', 150, '2013-09-07', 'No', 'O32');

/\*Basic Test 9\*/

insert into BOARDINGINFO values ('0034', 'E15', '2019-02-24', '2019-02-25', 'yes', '01101', 'opp0001');

insert into CLIENTS values ('0034', 'Shulk', 'Dog', 'Pit Bull', 150, '2013-09-07', 'Female', 'No', 'O32');

/\*Basic Test 10\*/

insert into OWNERS values ('O31', 'Kimbo', 'Slice', '696 Brawl Street', '123-888-1180', 'Brawl Street', 'Los Angeles', 'CA');

========================================================================

Create View EACH\_VISIT As

SELECT v.Visit#, c.NameOfPet as 'Client', o.LastName as 'Owner', e.LName as 'Vets',

vi.description as 'Treatment', vi.Price as 'Cost'

FROM Clients c Join Visits v

On c.ClientId = v.ClientID

Join Owners o

On c.OwnerID = o.OwnerID

Join Veterinarians ve

On ve.VID = v.EmployeeID

Join FullTime ft

On ve.VID = ft.FID

Join Employees e

On ft.FID = e.EmployeeID

Join VisitItems vi

On vi.TreatmentID = v.TreatmentID

And vi.Visit# = v.Visit#

SELECT\*

FROM EACH\_VISIT

========================================================================

Create View NumClients As

Select E.FName, E.LName, V.reasonforVisit, Count(V.Visit#) as 'NumOfVisit'

From Employees E join Visits V

on E.EmployeeID = V.EmployeeID

Group By E.FName, E.LName, V.reasonforvisit

Having Count(V.Visit#) > 1;

SELECT \*

FROM NumClients

=========================================================================================

Create View Caretakers As

Select O.OwnerId, O.LastName, C.NameofPet, E.employeeID, E.LName as 'Caretaker'

From Clients C Join Owners O

on C.OwnerID = O.OwnerID

Join Visits V

on V.ClientID = C.clientID

Join Employees E

on V.EmployeeID = E.EmployeeId;

SELECT \*

FROM Caretakers