SQL QUERY:-

1.Nested Query:

1.

select T\_id, name from Transport

where T\_id in(select trasport\_id

from Branch\_office

where adddress='Dhaka'

)

2. select T\_id,D\_id,v\_name from Transport

where v\_name='Corolla' or

T\_id in(select trasport\_id

from Branch\_office

where address='Cumilla' )

3. select BRANCH\_ID, MANAGER\_ID,MANAGER\_NAME

from Branch\_office

where ADDRESS='Dhaka' and

TRASPORT\_ID in(select T\_ID

from Transport

where V\_REGISTRATION='23453' and D\_id in(select D\_ID

from drivers

where L\_NUM='11223'))

ORDER BY:-

4. select BRANCH\_ID,MANAGER\_ID,MANAGER\_NAME

from Branch\_office

order by MANAGER\_ID asc

GROUP BY:-

5.

select V\_NAME,count(T\_ID) as TR\_Number

from Transport

group by V\_NAME

DELETION:-

6.

delete Branch\_office

where BRANCH\_ID='br7' and MANAGER\_NAME='Dipon'

UPDATE:-

7.

update Transport

set V\_NAME='Mini-Van'

where T\_ID='tr106' and D\_ID='10028'

STRING OPARATION;-

8.

select D\_ID,L\_NUM,D\_NAME

from drivers

where D\_NAME like '%Arn%'

FULL JOIN:-

9.

select MANAGER\_ID,D\_ID,V\_NAME

from Branch\_office,Transport

where Branch\_office.TRASPORT\_ID=Transport.T\_ID

CONDITIONAL JOIN:-

10.

select MANAGER\_ID,D\_ID,V\_NAME,ADDRESS

from Branch\_office,Transport

where Branch\_office.TRASPORT\_ID=Transport.T\_ID and ADDRESS='Dhaka'

VIEW:-

11.

Create View Dhaka As

select BRANCH\_ID,MANAGER\_ID,MANAGER\_NAME,TRASPORT\_ID,D\_NAME

from Branch\_office,drivers,Transport

where Transport.T\_ID=Branch\_office.TRASPORT\_ID and Transport.D\_ID=drivers.D\_ID

12.

select \* from Dhaka

Query;-

12

select BRANCH\_ID,MANAGER\_ID,TRASPORT\_ID

from Branch\_office

where ADDRESS='Khulna'

Table Creation

Branch\_office :

CREATE TABLE Branch\_Office(

branch\_id Varchar(20),

Manager\_id Varchar(20),

Manager\_name Varchar(30),

Manager\_Number Varchar(15),

Address Varchar(50),

Trasport\_id Varchar(20),

primary key(branch\_id ) ,

Unique(Manager\_id ,Trasport\_id,Manager\_Number)

);

1. Inser Value
2. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br1','A1','Arnob','01234567899','Dhaka','tr101')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br2','A2','Azman','01234567999','Dhaka','tr102')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br3','B3','Hafiz','01234567990','Khulna','tr201')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br4','B4','tofayel','01234567880','Khulna','tr202')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br5','B5','topu','01234567680','Khulna','tr203')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br6','B6','Shanto','01234567870','Khulna','tr204')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br8','D7','Ria','01234577870','Cumilla','tr301')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br9','D8','Parvez','01236567870','Cumilla','tr302')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br10','A3','Porna','01336567870','Dhaka','tr103')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br7','D9','Dipon','01236667870','Cumilla','tr303')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br11','C1','Amir','01234567199','Chittagong','tr401')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br22','C2','Farhan','01234567299','Chittagong','tr402')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br13','E3','Moriom','01234567993','Barisal','tr501')

14.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br14','E4','Tisha','01234567880','Barisal','tr502')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br15','E5','Amy','01234567680','Barisal','tr503')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br16','E6','Rownok','01234567870','Barisal','tr504')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br18','F7','Rumi','01234577770','Faridpur','tr601')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br19','F8','Polin','01236577870','Faridpur','tr602')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br20','C3','Porna','01336567870','Chittagong','tr403')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br27','F9','Nirob','01235677870','Faridpur','tr603')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br12','A4','Purob','01244567899','Dhaka','tr104')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br17','D2','Pius','01243667899','Cumilla','tr304')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br21','B1','Efty','01214567899','Khulna','tr205')

1. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br23','B2','Isika','01114567899','Khulna','tr206')

25.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br24','C4','Rakib','01014567899','Chittagong','tr404')

26.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br26','A6','Robin','01014567299','Dhaka','tr106')

27.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br25','C5','Robin','01014567899','Dhaka','tr405')

28.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br28','A5','Rakib','01204567199','Dhaka','tr105')

29. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br29','A6','Robin','01014567299','Dhaka','tr106')

30.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br30','E1','Sumon','01012567399','Barisal','tr505')

31.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br31','E2','Samira','01230567499','Barisal','tr506')

32.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br32','F2','Priti','01332567870','Faridpur','tr604')

33. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br33','D6','Rifat','01243997899','Cumilla','tr306')

34.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br34','D5','Raju','01243977899','Cumilla','tr305')

35. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br35','F5','Punom','01332561770','Faridpur','tr605')

36. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br36','F6','Puja','01332562770','Faridpur','tr606')

37.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br37','F3','Hanif','01332561777','Faridpur','tr607')

38.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br38','F4','Habib','01332562778','Faridpur','tr608')

39.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br39’,'E7','Qurashi','01230566899','Barisal','tr507')

40.insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br40','E8','Naruto','01230566999','Barisal','tr508')

41. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br41','D3','Akas','01221667899','Cumilla','tr307')

42. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br42','D4','Aveer','01222667899','Cumilla','tr308')

43. .insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br43','C6','Shikha','01914567899', 'Chittagong','tr407')

44. .insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br44','C7','Saima','01814567899', 'Chittagong','tr408')

45. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br45','A7','Sask','01934567899','Dhaka','tr107')

46. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br46','A8','Tanveer','01834567899','Dhaka','tr108')

47. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br47','A9','Siam','01734567899','Dhaka','tr109')

48. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br7','B7','Nafi','01734567870','Khulna','tr207')

49. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br8','B8','Raihan','01934567870','Khulna','tr208')

50. insert into Branch\_Office(branch\_id ,Manager\_id ,Manager\_name ,Manager\_Number ,Address ,Trasport\_id )

values('br9','B9','Rashed','01834567870','Khulna','tr209')