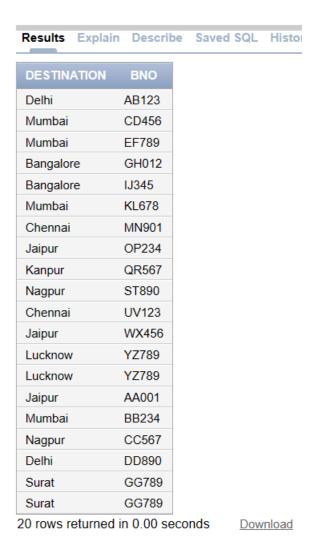
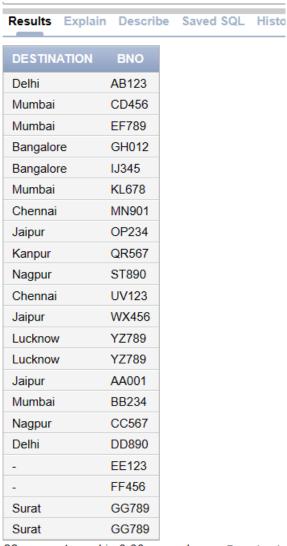
1. <u>INNER JOIN:</u> Lists information of common values(here Bid) from both the tables

select ticket.destination,bus.bno from ticket inner join bus on ticket.bid=bus.bid;



2. <u>Left join:</u> Return all rows from left table even if there are no matches in right table.

select destination,bno from bus left join ticket on bus.bid=ticket.bid;



22 rows returned in 0.00 seconds

3. <u>Right join:</u> Returns all rows from the right table, even if there are no matches in the right table.

select cname,bno from buscompany right join bus on buscompany.cid=bus.cid;

Results Explain	Describe S	Saved SQL Histo
CNAME	BNO	
ABC Bus Company	AB123	
XYZ Bus Co.	CD456	
Sunshine Transit	EF789	
City Bus Lines	GH012	
Green Express	IJ345	
Mega Bus Corp.	KL678	
Transit Solutions	MN901	
Swift Transit	OP234	
Star Bus Services	QR567	
Blue Horizon Transi	t ST890	
Golden Bus Lines	UV123	
Northwest Transit	WX456	
Coastal Bus Co.	YZ789	
Metro Transit	AA001	
Skyline Bus Service	s BB234	
Sunrise Transit	CC567	
Sunset Bus Corp.	DD890	
Speedy Transit	EE123	
Big City Bus Co.	FF456	
Northern Express	GG789	
20 rows returned in	0.01 second	ds <u>Download</u>

4. **FULL JOIN:** Combines the results of both left and right outer joins.

select cname,dname from buscompany full join driver on buscompany.cid=driver.cid;

Results Explain Describe Saved SQL Histor

CNAME	DNAME			
ABC Bus Company	Rajesh			
XYZ Bus Co.	Priya			
XYZ Bus Co.	Amit			
ABC Bus Company	Sneha			
Sunshine Transit	Vikram			
City Bus Lines	Smita			
Green Express	Rahul			
Green Express	Kavya			
Mega Bus Corp.	Sanjay			
City Bus Lines	Riya			
Transit Solutions	Avinash			
Green Express	Neha			
Swift Transit	Arjun			
Swift Transit	Divya			
Transit Solutions	Alok			
Star Bus Services	Shreya			
Blue Horizon Transit	Vishal			
Blue Horizon Transit	Nisha			
Golden Bus Lines	Rakesh			
Northwest Transit	Anjali			
Skyline Bus Services	-			
Big City Bus Co.	-			
Speedy Transit	-			
Sunset Bus Corp.	-			
Metro Transit	-			
Sunrise Transit	-			
Coastal Bus Co.	-			
Northern Express	-			
28 rows returned in 0.00 seconds				

28 rows returned in 0.00 seconds

EQUI JOIN: Select driver and company name where company id is equal in both tables.

select driver.dname,buscompany.cname from driver, buscompany where driver.cid=buscompany.cid;



6. <u>Self join:</u> join a table to itself as if the table were two tables. Here Driver table is joined to itself.

select a.Did, b.Dname, a.dsalary from driver a, driver b where a.dsalary>b.dsalary and a.Did<3;

Result	ts Explain	Describe	Saved SQL	History
DID	DNAME	DSALARY		
1	Priya	25000		
1	Sneha	25000		
1	Vikram	25000		
1	Smita	25000		
1	Kavya	25000		
1	Sanjay	25000		
1	Riya	25000		
1	Neha	25000		
1	Divya	25000		
1	Shreya	25000		
1	Vishal	25000		
1	Nisha	25000		
1	Anjali	25000		
2	Sneha	22000		
2	Kavya	22000		
2	Riya	22000		
2	Neha	22000		
2	Shreya	22000		
2	Anjali	22000		

19 rows returned in 0.01 seconds

7. **Cross join:** Cartesian product of the sets of two joined tables.

select bus.bno,ticket.destination from bus cross join ticket where bus.bid=ticket.bid;



20 rows returned in 0.00 seconds