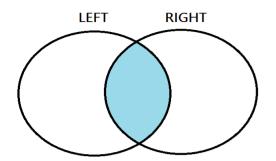
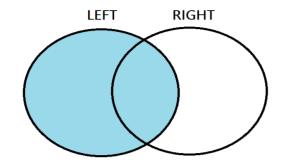
JOIN THEORY

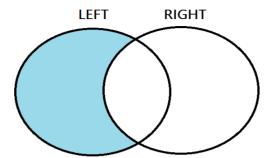
INNER JOIN



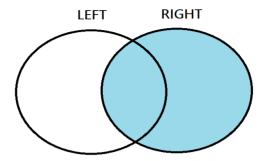
LEFT INNER JOIN



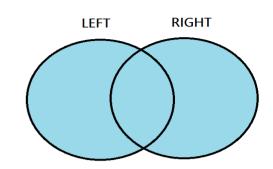
LEFT OUTER JOIN



RIGHT INNER JOIN



FULL JOIN



DATA SETS RESULT

LEFT	RIGHT	LEFT	RIGHT
Apple	 		
Banana			
Pear			
Grape			
Mandarin	 Mandarin	Mandarin	Mandarin
Cherry	Cherry	Cherry	Cherry
Blueberry	Blueberry	Blueberry	Blueberry
Cucumber	Cucumber	Cucumber	Cucumber
	 Fig		
	Grapefruit		
	Raspberry		

DATA	A SETS	RESULT
LEFT	RIGHT	IFFT

LEFI	RIGHT	LEFI	RIGHT
Apple		Apple	
Banana		Banana	
Pear		Pear	
Grape		Grape	
Mandarin	Mandarin	Mandarin	Mandarin
Cherry	Cherry	Cherry	Cherry
Blueberry	Blueberry	Blueberry	Blueberry
Cucumber	Cucumber	Cucumber	Cucumber
	Fig		
	Grapefruit		
	Raspberry		

WITHOUT DUPLICATES

DATA SETS			RES	ULT
LEFT	RIGHT		LEFT	RIGHT
Apple			 Apple	
Banana			Banana	
Pear			Pear	
Grape			Grape	
Mandarin		Mandarin		
Cherry		Cherry		
Blueberry		Blueberry		
Cucumber		Cucumber		
		Fig		
		Grapefruit		
		Raspberry		

DATA SETS RESULT LEFT RIGHT LEFT RIGHT

Apple			
Banana			
Pear			
Grape			
Mandarin	Mandarin	Mandarin	Mandarin
Cherry	Cherry	Cherry	Cherry
Blueberry	Blueberry	Blueberry	Blueberry
Cucumber	Cucumber	Cucumber	Cucumber
	Fig		Fig
	Grapefruit		Grapefruit
	Raspberry		Raspberry

RESULT

Grapefruit Raspberry

DATA SETS

DATA SETS RESULT LEFT LEFT RIGHT

Apple		Apple	
Banana		Banana	
Pear		Pear	
Grape		Grape	
Mandarin	 Mandarin	Mandarin	Mandarin
Cherry	Cherry	Cherry	Cherry
Blueberry	Blueberry	Blueberry	Blueberry
Cucumber	Cucumber	Cucumber	Cucumber
	 Fig		Fig
	Grapefruit		Grapefruit
	Raspberry		Raspberry

WITH DUPLICATES

DAT	A SETS	RES	RESULT		
LEFT	RIGHT	LEFT	RIGHT		
Apple					
Banana					
Banana					
Banana					
Pear					
Grape					
Mandarin	Mandarin	Mandarin	Mandarin		
···anda····	Mandarin	Mandarin	Mandarin		
Cherry		Cherry	Cherry		
CHETTY	Cherry	Cherry	Cherry		
Cherry	Cherry	Cherry	Cherry		
CHETTY		Cherry	Cherry		
Cherry		Cherry	Cherry		
CHETTY	Cherry	Cherry	Cherry		
Cherry	Cherry	Cherry	Cherry		
Cherry		Cherry	Cherry		
Blueberry	Blueberry	Blueberry	Blueberry		
bidebelly	Blueberry	Blueberry	Blueberry		
Cucumber		Cucumber	Cucumber		
Cucumber	Cucumber	Cucumber	Cucumber		
Cucumber		Cucumber	Cucumber		
	Fig				
	Grapefruit				

Raspberry

DATA	A SETS	RES	SULT	
LEFT	RIGHT	LEFT	RIGHT	
Apple		Apple		
Banana		Banana		
Banana		Banana		
Banana		Banana		
Pear		Pear		
Grape		Grape		
Mandarin	Mandarin	Mandarin	Mandarin	
ivialiualiii	Mandarin	Mandarin	Mandarin	
Cherry		Cherry	Cherry	
Cherry	Cherry	Cherry	Cherry	
Cherry	Cherry	Cherry	Cherry	
Cherry		Cherry	Cherry	
Cherry		Cherry	Cherry	
Cherry	Cherry	Cherry	Cherry	
Cherry	CHETTY	Cherry	Cherry	
Cherry		Cherry	Cherry	
Blueberry	Blueberry	Blueberry	Blueberry	
Bideberry	Blueberry	Blueberry	Blueberry	
Cucumber		Cucumber	Cucumber	
Cucumber	Cucumber	Cucumber	Cucumber	
Cucumber		Cucumber	Cucumber	
	Fig			
	Grapefruit			
	Raspberry			

DATA	SETS	RES	ULT
LEFT	RIGHT	LEFT	RIGHT
Apple		Apple	
Banana		Banana	
Banana		Banana	
Banana		Banana	
Pear		Pear	
Grape		Grape	
Mandarin	Mandarin		
Manaam	Mandarin		
Cherry			
,	Cherry		
Cherry	,		
Cherry			
	Cherry		
Cherry			
	Divoborne		
Blueberry	Blueberry Blueberry		
Cucumber	bluebelly		
Cucumber	Cucumber		
Cucumber	cucumber		
cucuiiibei	Fig		
	Grapefruit		
	Raspberry		
	ivashneiià		

LEFT		RIGHT		LEFT	RIGHT
Apple					
Banana					
Banana					
Banana					
Pear					
Grape					
Mandarin		Mandarin		Mandarin	Mandarin
Widildaliii		Mandarin		Mandarin	Mandarin
Cherry				Cherry	Cherry
CHEITY		Cherry		Cherry	Cherry
Cherry		Cherry		Cherry	Cherry
CHEITY				Cherry	Cherry
Cherry				Cherry	Cherry
CHETTY		Cherry		Cherry	Cherry
Cherry		Cherry		Cherry	Cherry
CHEITY				Cherry	Cherry
Blueberry		Blueberry		Blueberry	Blueberry
bluebelly		Blueberry		Blueberry	Blueberry
Cucumber				Cucumber	Cucumber
Cucumber		Cucumber		Cucumber	Cucumber
Cucumber	<u></u>			Cucumber	Cucumber
		Fig			Fig
		Grapefruit			Grapefruit
		Grapefruit			Grapefruit
		Grapefruit			Grapefruit
		Grapefruit			Grapefruit

Grapefruit

Raspberry

DATA SETS				RESULT		
LEFT	RIGHT			LEFT	RIGHT	
Apple Banana Banana Banana Pear Grape				Apple Banana Banana Banana Pear Grape		
Mandarin		Mandarin		Mandarin	Mandarin	
		Mandarin		Mandarin	Mandarin	
Cherry				Cherry	Cherry	
G.1.C.1. y		Cherry		Cherry	Cherry	
Cherry		,		Cherry	Cherry	
,				Cherry	Cherry	
Cherry				Cherry	Cherry	
,		Cherry		Cherry	Cherry	
Cherry		'		Cherry	Cherry	
,				Cherry	Cherry	
Blueberry		Blueberry		Blueberry	Blueberry	
		Blueberry		Blueberry	Blueberry	
Cucumber				Cucumber	Cucumber	
Cucumber		Cucumber		Cucumber	Cucumber	
Cucumber				Cucumber	Cucumber	
		Fig			Fig	
		Grapefruit			Grapefruit	
		Grapefruit			Grapefruit	
		Grapefruit			Grapefruit	
		Grapefruit			Grapefruit	
		Grapefruit			Grapefruit	
		Raspberry			Raspberry	