	TABLE X	
	В	
A1	100	10
A2	200	20
A3	300	30
A4	400	40

TABLE Y			
A1	100	10	
A2	200	20	
A3	300	30	
A5	400	40	

COMMAND	DESCRIPTION	QUERY	RESULT OF THE QUERY						
			X.Δ	ХB	xc	Y.P	Y.O	YR	
House Co	Hover Mouse to	A1	100	10	Y.P A1	100	10		
INNER JOIN	INNER JOIN Used to fetch common records from two tables using a common column present in both the tables	See Query [1]	A2	200	20	A2	200	20	
			A3	300	30	A3	300	30	
	Used to fetch all the records from the left table ev	Hover Mouse to See Query [2]	X.A	X.B	X.C	Y.P	Y.Q	Y.R	
			A1	100	10	A1	100	10	
LEFT JOIN	if there are no matches in the right table		A2	200	20	A2	200	20	
			A3 A4	300 400	30 40	A3	300	30	
			Д4	400	40	NULL	NULL	NULL	
			A	В	С	D	Α	Q	
			A1	100	10	A1	100	10	
RIGHT JOIN	Used to fetch all the records from the right table even if there are no matches in the left table	Hover Mouse to See Query [3]	A2	200	20	A2	200	20	
			A3	300	30	A3	300	30	
			NULL	NULL	NULL	A5	400	40	
			Δ	В	С				
			A1	100	10				
			A2	200	20				
	UNION ALL fetches all the records in the two tables.		A3	300	30				
UNION ALL	The tables are put one on top of the other and the	Hover Mouse to See Query [4]	A4	400	40				
	column names are got from the top table.	_1c que, y (4)	A1	100	10				
			A2	200	20				
			A3	300	30				
			A5	400	40				
			A	В	С				
			A1	100	10				
UNION	UNION works the same as UNION ALL, but fetches	Hover Mouse to See Query [5]	A2	200	20	İ			
UNION	only the distinct records		A3	300	30				
			A4	400	40				
			A5	400	40				
			X.Δ	ХB	ХC	YP	YO	YR	
			A1	100	10	A1	100	10	
			A2	200	20	A2	200	20	
	/hat if you want all the matching recording in each	Hover Mouse to See Query [6]	A3	300	30	A3	300	30	
FULL JOIN	table along with all the columns? You can do what is		A4	400	40	NULL	NULL	NULL	
	called as a FULL JOIN using UNION.		A1	100	10	A1	100	10	
			A2	200	20	A2	200	20	
			A3 NULL	300 NULL	30 NULL	A3 A5	300 400	30 40	
			NOLL	NOLL	NOLL	AS	400	40	
			X.A	X.B	X.C	Y.P	Y.Q	Y.R	
			A1	100	10	A1	100	10	
			A1	100	10	A2	200	20	
	Returns the cartesian product of the rows of		A1	100	10	A3	300	30	
			A1	100	10	A5	400	40	
			A2 A2	200	20	A1 A2	100 200	10 20	
		Hover Mouse to See Query [7]	A2	200	20	A2 A3	300	30	
CROSS JOIN	tables in the join.		A2	200	20	A5	400	40	
	Eg: If Table-X has 4 rows and Table-Y has 4 rows, then the join returns 4*4 = 16 rows		A3	300	30	A1	100	10	
	die joniteuns + + - 2010ws		A3	300	30	A2	200	20	
			A3	300	30	A3	300	30	
			A3	300	30	A5	400	40	
			A4	400	40	A1	100	10	
			A4 A4	400 400	40 40	A2	200 300	20 30	
			A4 A4	400	40	A3 A5	300 400	30 40	
				400	40	_ A5	400	1 40	
			T1.A	T1.8	T1.C	T2.A	T2.B	T2.C	
	It is used to join a table to itself.	l	A1	100	10	A1	100	10	
SELF JOIN	Generally used for comparing the rows within the	Hover Mouse to See Query [8]	A2	200	20	A2	200	20	
	same table	Sec 400.7 (0)	A3	300	30	A3	300	30	
			A4	400	40	A4	400	40	
1									

TEST					
	В	C	D		
A1	B1	USA	5		
A2	B2	INDIA	15		
A4	B3	INDONESIA	35		
A5	B2	UK	20		

[1] SELECT *
FROM X INNER JOIN Y
ON X.A = Y.P

[2] SELECT *
FROM X LEFT JOIN Y
ON X.A = Y.P

[3] SELECT *
FROM X RIGHT JOIN Y
ON X.A = Y.P

[4] SELECT * FROM X UNION ALL SELECT * FROM Y;

[5] SELECT * FROM X UNION SELECT * FROM Y;

[6] SELECT *
FROM X LEFT JOIN Y
ON X.A = Y.P

UNION

SELECT *
FROM X RIGHT JOIN Y
ON X.A = Y.P;

[7] SELECT * FROM X CROSS JOIN Y;

[8] SELECT * FROM X AS T1 JOIN X AS T2 WHERE T1.A = T2.A