

1	A
2	A
3	
4	B
5	B
6	B
7	C
8	D
9	E
10	E
11	F

Distinct

      

(A), ( ), (B), (C), (D),

(E), (F)

7 ✓  
      

Unique

, ( ), (C), (D),

(F)

4 ✓

Table 1  
=

ID	Name	Ph.No.
1	A	X
2	B	Y
3	C	Z

Table 2  
=

ID	Name	Ph.No.	Add
9	P	M	PM 9
12	Q	N	QN 12

Result  
=

ID	Name	Ph.No.	Add
1	A	X	null
2	B	Y	null
3	C	Z	null
9	P	M	PM 9

ID	Name	Ph.No.	Add.
12	Q	N	Q N12

## All Student Details

ID	Name	ph.no.	Add.
1	A	X	null
2	B	Y	null
3	C	Z	CZ3

## Student Marks

ID	Subject	Marks
1	Math	97
1	English	96
2	Math	99

INNER JOIN

Result  
=

ID	Name	ph no.	Add	ID	Subject	Marks
1	A	X	null	1	Math	97
1	A	X	null	1	English	96
2	B	Y	null	2	Math	99

Left Table or

1<sup>st</sup> Table

ID	Name	Ph.No.	Add.
1 ✓	A	X	nvll
2	B	Y	nvll
3	C	Z	CZ3

Right Table or

2<sup>nd</sup> Table



ID	Subject	Marks
1	English	79
1	Math	97
2	English	89
6 ✓	Math	78
15 ✓	English	88

# LEFT OUTER JOIN

## Result

ID	Name	Ph.No.	Add.	ID	Sub	Marks
1	A	X	null	1	English	79
1	A	X	null	1	Math	97
2	B	Y	null	2	English	89
3	C	Z	CZ3	null	null	null

Left Table or

1<sup>st</sup> Table

Student  
Details

ID	Name	Ph.No.	Add.
1	A	X	nvll
2	B	Y	nvll
3	C	Z	CZ3

Right Table or  
2<sup>nd</sup> Table

Marks

ID	Subject	Marks
1	English	79
1	Math	97
2	English	89
6	Math	78
15	English	88



Right outer Join

Result

ID	Name	Ph.	Add.	ID	Subject	Marks
1	A	X	Null	1	English	79
1	A	X	Null	1	Math	97
2	B	X	Null	2	English	89
Null	Null	Null	Null	6	Math	78
Null	Null	Null	Null	15	English	88

Left Table or

1<sup>st</sup> Table

Student  
Details

ID	Name	Ph.No.	Add.
1	A	X	nvll
2	B	Y	nvll
3	C	Z	CZ3

Right Table or  
2<sup>nd</sup> Table

Marks

ID	Subject	Marks
1	English	79
1	Math	97
2	English	89
6	Math	78
15	English	88

Left Anti Join

RESULT

ID	Name	ph.no.	Add.	ID	subject	marks
3	C	Z	C Z 3	null	null	null

Left Table or

1<sup>st</sup> Table

Student  
Details

ID	Name	Ph.No.	Add.
1	A	X	nvll
2	B	Y	nvll
3	C	Z	CZ3

Right Table or

2<sup>nd</sup> Table

Marks

ID	Subject	Marks
1	English	79
1	Math	97
2	English	89
6	Math	78
15	English	88

Right Anti Join

RESULT

ID	Name	Ph.No.	Add.	ID	Subject	Marks
null	null	null	null	6	Math	78
null	null	null	null	15	English	88

Left Table or

1<sup>st</sup> Table

Student  
Details

ID	Name	Ph.No.	Add.
1	A	X	nvll
2	B	Y	nvll
3	C	Z	CZ3

Right Table or

2<sup>nd</sup> Table

Marks

ID	Subject	Marks
1	English	79
1	Math	97
2	English	89
6	Math	78
15	English	88

FULL OUTER JOIN

RESULT

ID	Name	ph.no.	Add.	ID	subject	Marks
1	A	x	null	1	English	79
1	A	x	null	1	Math	97
2	B	y	null	2	English	89
3	C	z	CZ3	null	null	null
null	null	null	null	6	Math	78
null	null	null	null	15	English	88















