

# SQL TIPS AND TRICKS

PART 10

## Joins

Find NO. of records with different kinds of joins  
having duplicate key values

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## Sample Example --2 conditions for both tables

TABLE – t1

	id1
▶	1
	1

	id1
▶	1
	1
	2

TABLE – t2

	id2
▶	1
	1
	1

	id2
▶	1
	1
	1
	3

## INNER JOIN

```
17 • Select * FROM t1
18 INNER JOIN t2 ON t1.id1 = t2.id2;
```

[illegible]

```
17 • Select * FROM t1
18 INNER JOIN t2 ON t1.id1 = t2.id2;
```

[illegible]

## LEFT JOIN

```
20 • Select * FROM t1
21 LEFT JOIN t2 ON t1.id1 = t2.id2;
```

	id1	id2
▶	1	1
	1	1
	1	1
	1	1
	1	1
	1	1

```
20 • Select * FROM t1
21 LEFT JOIN t2 ON t1.id1 = t2.id2;
```

[illegible]

## RIGHT JOIN

```
23 • Select * FROM t1
24 RIGHT JOIN t2 ON t1.id1 = t2.id2;
```

**Result Grid**

	id1	id2
▶	1	1
	1	1
	1	1
	1	1
	1	1
	1	1

Filter Rows:

Export:

```
23 • Select * FROM t1
24 RIGHT JOIN t2 ON t1.id1 = t2.id2;
```

<b>Result Grid</b>		Filter Rows:	<input type="text"/>	Export:
	id1	id2		
▶	1	1		
	1	1		
	1	1		
	1	1		
	1	1		
	1	1		
	NULL	3		

## FULL OUTER JOIN

```
25
26 • Select * FROM t1
27 ✖ FULL OUTER JOIN t2 ON t1.id1 = t2.id2;
```

```
20 • Select * FROM t1
21 LEFT JOIN t2 ON t1.id1 = t2.id2
22 union all
23 Select * FROM t1
24 RIGHT JOIN t2 ON t1.id1 = t2.id2;
25
```

[illegible]





# THANK YOU

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