

1.Aşağıdaki sql komutu ile tüm değerleri null olan kayıt sayısını bulacağız

```
Query Query History
1 select count(*)
2 from invoice
3 where row_to_json(invoice)::text = '{}':text; -- null olan kayıt sayısı:0;
```

2.aşağıdaki komut ile ilgili tablodan tüm verileri çekip total kolonunu 2 ile çarpıp new_total adında yeni bir kolona yükleyeceğiz.Ardından 'desc' ifadesi ile new_total kolonunu referans alarak büyükten küçüğe doğru sıralama işlemi yapacağız.

Query Query History

```
1 select *, total * 2 as new_total
2 from invoice
3 order by new_total desc;
```

Data Output Messages Notifications

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invoice_id	customer_id	invoice_date	billing_address	billing_city	billing_state	billing_country	billingpostal_code	total	new_total
[PK] integer	integer	timestamp without time zone	character varying (70)	character varying (40)	character varying (40)	character varying (40)	character varying (10)	numeric (10,2)	numeric
299	26	2012-08-05 00:00:00	2211 W Berry Street	Fort Worth	TX	USA	76110	23.86	47.72
194	46	2011-04-28 00:00:00	3 Chatham Street	Dublin	Dublin	Ireland	[null]	21.86	43.72
96	45	2010-02-18 00:00:00	Erzsébet krt. 58.	Budapest	[null]	Hungary	H-1073	21.86	43.72
89	7	2010-01-18 00:00:00	Rotenturmstraße 4, 1010 Innere Stadt	Vienne	[null]	Austria	1010	18.86	37.72
201	25	2011-05-29 00:00:00	319 N. Frances Street	Madison	WI	USA	53703	18.86	37.72
88	57	2010-01-13 00:00:00	Calle Lira, 198	Santiago	[null]	Chile	[null]	17.91	35.82
313	43	2012-10-06 00:00:00	68, Rue Jouvence	Dijon	[null]	France	21000	16.86	33.72
306	5	2012-09-05 00:00:00	Klanova 9/506	Prague	[null]	Czech Republic	14700	16.86	33.72
103	24	2010-03-21 00:00:00	162 E Superior Street	Chicago	IL	USA	60611	15.86	31.72
208	4	2011-06-29 00:00:00	Ullevøysveien 14	Oslo	[null]	Norway	0171	15.86	31.72
193	37	2011-04-23 00:00:00	Berger Straße 10	Frankfurt	[null]	Germany	60316	14.91	29.82
5	23	2009-01-11 00:00:00	69 Salem Street	Boston	MA	USA	2113	13.86	27.72
26	19	2009-04-14 00:00:00	1 Infinite Loop	Cupertino	CA	USA	95014	13.86	27.72
362	14	2013-05-11 00:00:00	8210 111 ST NW	Edmonton	AB	Canada	T6G 2C7	13.86	27.72
124	20	2010-06-22 00:00:00	541 Del Medio Avenue	Mountain View	CA	USA	94040-111	13.86	27.72
180	29	2011-02-25 00:00:00	796 Dundas Street West	Toronto	ON	Canada	M6J 1V1	13.86	27.72

3.aşağıdaki komut soldan 3.karakter ile sağdan 4.karakteri alıp birleştirerek acik_adres kolonunda birleştiriyoruz.

Query Query History

```
1 select
2 left(billing_address,3) || right(billing_address,4) as "acik_adres"
3 from invoice
4 where extract(year from invoice_date) = 2013
5 and extract(month from invoice_date) = 8;
```

Data Output Messages Notifications

acik_adres
text
3 Creet
Lij20bg
C/ o 85
110n Pl
Av.2170
Rua 155
162reet