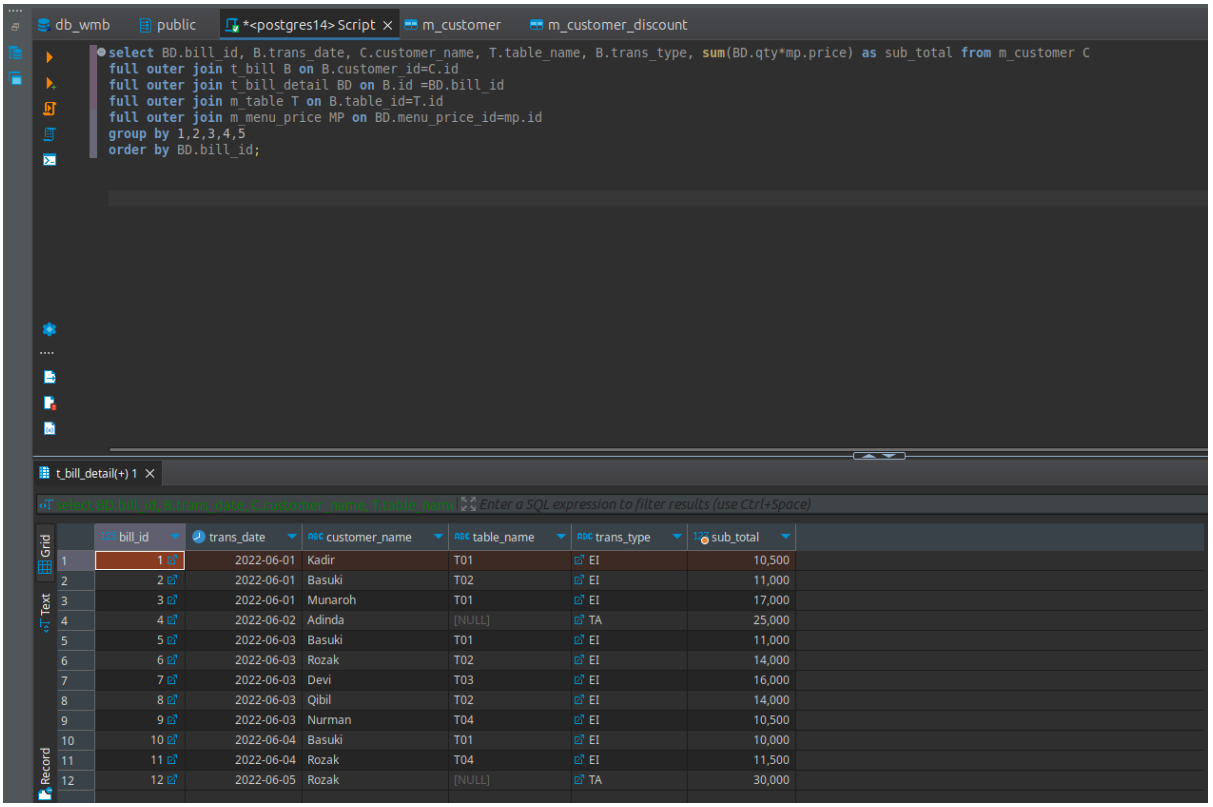
ISNA AYU MUAROFAH
WMB_livecode

1.



	bill_id	trans_date	customer_name	table_name	trans_type	sub_total
1	1	2022-06-01	Kadir	T01	EI	10,500
2	2	2022-06-01	Basuki	T02	EI	11,000
3	3	2022-06-01	Munaroh	T01	EI	17,000
4	4	2022-06-02	Adinda	[NULL]	TA	25,000
5	5	2022-06-03	Basuki	T01	EI	11,000
6	6	2022-06-03	Rozak	T02	EI	14,000
7	7	2022-06-03	Devi	T03	EI	16,000
8	8	2022-06-03	Qibil	T02	EI	14,000
9	9	2022-06-03	Nurman	T04	EI	10,500
10	10	2022-06-04	Basuki	T01	EI	10,000
11	11	2022-06-04	Rozak	T04	EI	11,500
12	12	2022-06-05	Rozak	[NULL]	TA	30,000

2.

```sql
-- NOMOR 2
SELECT b.trans_date, m.menu_name, SUM(mp.price * bd. qty) AS sub_total, gt.grand_total,
       (SUM(mp.price * bd. qty) / gt.grand_total * 100) AS sales_contribution
FROM t_bill b
JOIN t_bill_detail bd ON b.id = bd.bill_id
JOIN m_menu_price mp ON bd.menu_price_id = mp.id
JOIN m_menu m ON mp.menu_id = m.id
JOIN grand_total gt ON gt.trans_date = b.trans_date
GROUP BY b.trans_date, m.menu_name, gt.grand_total, 4
ORDER BY b.trans_date, SUM(mp.price * bd. qty) DESC;
```

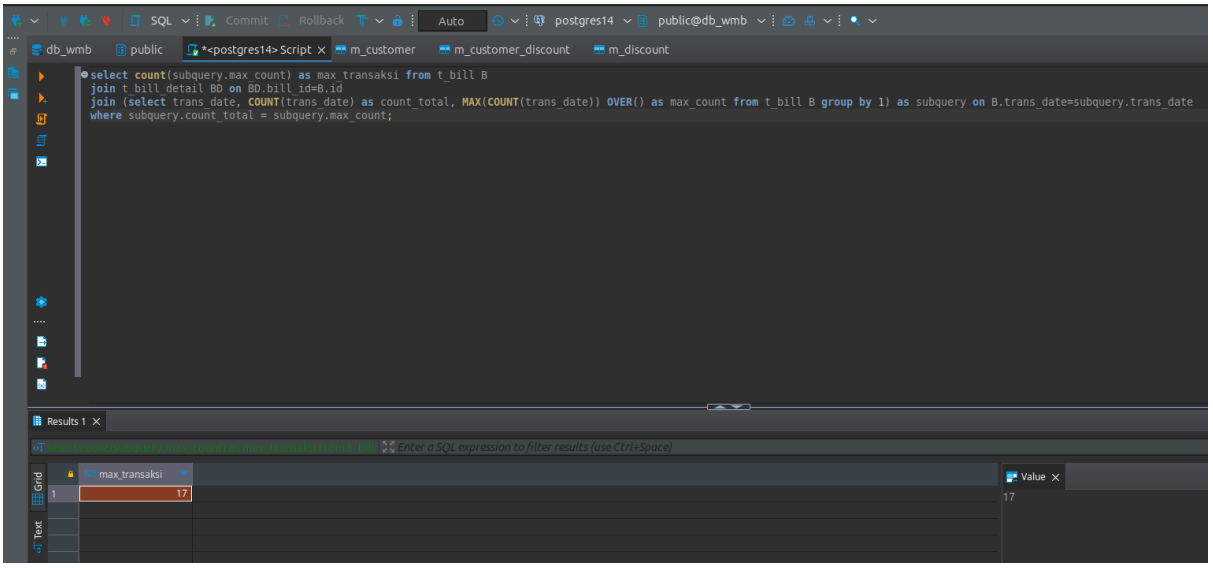
trans_date	menu_name	sub_total	grand_total	sales_contribution
2022-06-01	Nasi Goreng	12,000	38,500	31.1688303947
2022-06-01	Nasi Putih	6,000	38,500	15.5844151974
2022-06-01	Telor Ceplok	5,000	38,500	12.9870131612
2022-06-01	Tempe	4,000	38,500	10.3896103799
2022-06-01	Tahu	4,000	38,500	10.3896103799
2022-06-01	Es Teh Tawar	3,000	38,500	7.7922075987
2022-06-01	Sayur Lodeh	2,500	38,500	6.4935065806
2022-06-01	Sayur Sop	2,000	38,500	5.19480519
2022-06-02	Nasi Goreng Spesial	25,000	25,000	100
2022-06-03	Aneka Gorengan	14,000	65,500	21.3740453124
2022-06-03	Indomie Goreng Telor	10,000	65,500	15.267175436
2022-06-03	Nasi Putih	7,500	65,500	11.450381577
2022-06-03	Es Ovaltine	6,000	65,500	9.1603055596
2022-06-03	Telor Dadar	5,000	65,500	7.633587718
2022-06-03	Kopi Kapal Api	4,000	65,500	6.1068702489
2022-06-03	Telor Balado	4,000	65,500	6.1068702489
2022-06-03	Tempe Orek	3,000	65,500	4.5801527798
2022-06-03	Es Teh Tawar	3,000	65,500	4.5801527798
2022-06-03	Sayur Tahu	3,000	65,500	4.5801527798
2022-06-03	Sayur Buncis	3,000	65,500	4.5801527798
2022-06-03	Sayur Kangkung	1,500	65,500	2.2900763899
2022-06-03	Es Teh Manis	1,500	65,500	2.2900763899
2022-06-04	Indomie Kari Ayam Tel	10,000	21,500	46.5116292238
2022-06-04	Nasi Putih	4,000	21,500	18.6046510935
2022-06-04	Es Teh Manis	3,000	21,500	13.9534890652
2022-06-04	Sayur Lodeh	2,500	21,500	11.627907306
2022-06-04	Tempe	2,000	21,500	9.3023255467
2022-06-05	Aneka Gorengan	30,000	30,000	100

3.

```sql
-- NOMOR 3
SELECT m.menu_name, SUM(mp.price * bd.qty) AS sub_total, (SELECT SUM(grand_total) FROM grand_total) AS grand_total,
       (SUM(mp.price * bd.qty) / (SELECT SUM(grand_total) FROM grand_total)) * 100 AS sales_contribution
FROM t_bill b
JOIN t_bill_detail bd ON b.id = bd.bill_id
JOIN m_menu_price mp ON bd.menu_price_id = mp.id
JOIN m_menu m ON mp.menu_id = m.id
JOIN grand_total gt ON gt.trans_date = b.trans_date
GROUP BY m.menu_name, 3
ORDER BY sales_contribution DESC;
```

menu_name	sub_total	grand_total	sales_contribution
Aneka Gorengan	44,000	180,500	24.3767306209
Nasi Goreng Spesial	25,000	180,500	13.8504162431
Nasi Putih	17,500	180,500	9.6952907741
Nasi Goreng	12,000	180,500	6.6481992602
Indomie Goreng Telor	10,000	180,500	5.5401660502
Indomie Kari Ayam Telor	10,000	180,500	5.5401660502
Tempe	6,000	180,500	3.3240996301
Es Teh Tawar	6,000	180,500	3.3240996301
Es Ovaltine	6,000	180,500	3.3240996301
Telor Dadar	5,000	180,500	2.7700830251
Telor Ceplok	5,000	180,500	2.7700830251
Sayur Lodeh	5,000	180,500	2.7700830251
Es Teh Manis	4,500	180,500	2.4930747226
Kopi Kapal Api	4,000	180,500	2.2160664201
Tahu	4,000	180,500	2.2160664201
Telor Balado	4,000	180,500	2.2160664201
Sayur Tahu	3,000	180,500	1.6620498151
Tempe Orek	3,000	180,500	1.6620498151
Sayur Buncis	3,000	180,500	1.6620498151
Sayur Sop	2,000	180,500	1.10803321
Sayur Kangkung	1,500	180,500	0.8310249075

4.



5.

```sql
--5. Mencari Total Bill (Rp) di Week-End (Saturday - Sunday) dan Week Day (Monday - Friday).
SELECT ref.day_type, SUM(mp.price * bd.qty) AS total_bill
FROM(
SELECT *,
CASE
    WHEN day_name LIKE '%Saturday%' OR day_name LIKE '%Sunday%' THEN 'Weekend'
    WHEN day_name NOT LIKE '%Saturday%' OR day_name NOT LIKE '%Sunday%' THEN 'Weekday'
END day_type
FROM
(SELECT *, TO_CHAR(b.trans_date, 'Day') AS day_name FROM t_bill b) AS days
) AS ref
JOIN t_bill_detail bd ON ref.id = bd.bill_id
JOIN m_menu_price mp ON bd.menu_price_id = mp.id
GROUP BY ref.day_type;
```

s 1 ×

T ref.day_type, SUM(mp.price * bd.qty) AS total_bill FRO | Enter a SQL expression to filter results (use Ctrl+Space)

day_type	total_bill
Weekend	51,500
Weekday	129,000