Nama: Taufiqurrahman

No: 14

**ASSIGNMENT 2 (SESI 7)** 

### Nomor 1

# **Assignment 02**

Kita akan menggunakan database ecommerce\_DB.

1. Tampilkanlah data average total payment yang dikelompokkan berdasarkan kuartal dan tahun

average_total_payment	quarter 🗸	transaction_year ∨
190400	Q1	2022
836333,333333334	Q2	2022
1381066,6666666667	Q3	2022
262830	Q4	2022
1212066,6666666667	Q1	2023
1406873,333333333	Q2	2023
3822833,333333333	Q3	2023
990166,666666666	Q4	2023

```
/*No 1*/ /*Table payments/
DROP TABLE IF EXISTS payments
-- Membuat tabel payments
(id INT PRIMARY KEY IDENTITY(1, 1), buy_price INT, quantity INT, total_payment INT, transaction_date DATE, payment_name VARCHAR(50), user_id INT NOT NULL, product_id INT NOT NULL, product_id INT NOT NULL,
);

sinsert into payments(buy_price, quantity, total_payment, transaction_date, payment_name, user_id, product_id)
values
(85600, 2, 171200, '2023-01-15', 'VA Mandiri', 1, 1), (275000, 9, 2475000, '2023-02-19', 'Gopay', 2, 2), (99000, 10, 990000, '2023-03-10', '0VO', 3, 3), (980000, 4, 3920000, '2023-04-11', 'COD', 4, 4), (74900, 1, 74900, '2023-05-12', 'VA Mandiri', 5, 5), (75240, 3, 225720, '2023-06-13', 'Gopay', 6, 6), (224000, 5, 1120000, '2023-06-13', 'Gopay', 6, 6), (224000, 5, 1120000, '2023-08-15', 'COD', 1, 8), (1449000, 7, 10143000, '2023-09-16', 'VA Mandiri', 2, 9), (360000, 8, 2880000, '2023-09-16', 'VA Mandiri', 2, 9), (360000, 8, 2880000, '2023-10-17', 'Gopay', 3, 10),
```

```
SELECT AVG(total_payment) as average_total_payment, CONCAT('Q', DATEPART(quarter, transaction_date)) AS Quarter_From_Date, DATEPART(year, tr
   FROM payments
[GROUP BY DATEPART(quarter, transaction_date), DATEPART(year, transaction_date);
100 % - 4
1381066
                   Q3
                                2022
   262830
                                2022
    1212066
                   Q1
                                2023
   1406873
3822833
                                2023
                   Q3
                                2023
   990166
```

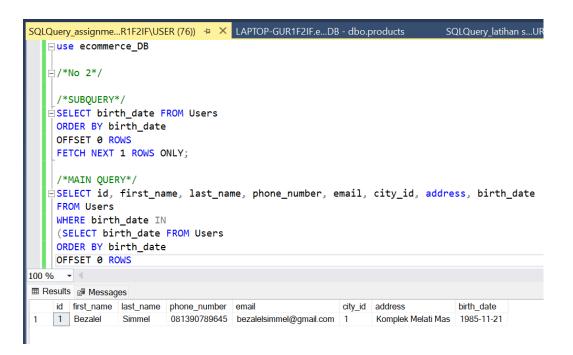
### Nomor 2

### Assignment 02

## **Assignment 02**

2. Buatlah query untuk menampilkan data user paling tua.

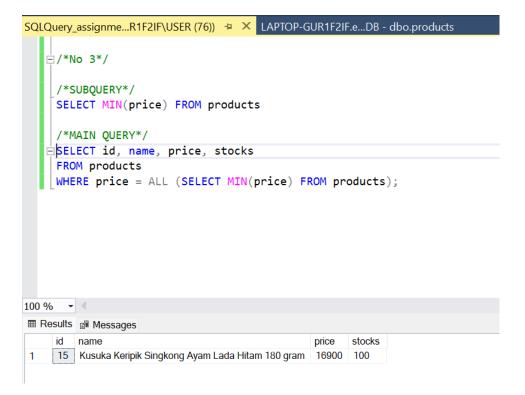
id	~	first_name 🗸	last_name ∨	phone_number $\vee$	email ~	city_id	~	address 🗸	birth_date	~
1		Bezalel	Simmel	081390789645	bezalelsimmel@gmail.com	1		Komplek Melati Mas	1985-11-21	



### Nomor 3

3. Buatlah query untuk mengambil produk dengan harga termurah

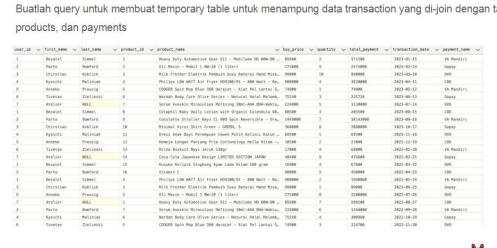
id 🗸	d 🗸 name		stocks 🗸
15	Kusuka Keripik Singkong Ayam Lada Hitam 180 gram	16900	100



### Nomor 4

# **Assignment 02**

4. Buatlah query untuk membuat temporary table untuk menampung data transaction yang di-join dengan tabel users, products, dan payments





⊞ K	esuits Bi	Messages								
	user_id	first_name	last_name	product_id	name	buy_price	quantity	total_payment	transaction_date	payment_name
1	1	Bezalel	Simmel	1	Heavy Duty Automotive Gear Oil - Mobilube HD 80W-9	85600	2	171200	2023-01-15	VA Mandiri
2	2	Parto	Bamford	2	Oli Mesin - Mobil 1 0W-20 (1 liter)	275000	9	2475000	2023-02-19	Gopay
3	3	Chirstian	Koblick	3	Milk Frother Elektrik Pembuih Susu Baterai Hand Mixer	99000	10	990000	2023-03-10	OVO
4	4	Kyoichi	Maliniak	4	Philips LOW WATT Air Fryer HD9200/91 - 800 Watt - R	980000	4	3920000	2023-04-11	COD
5	5	Anneke	Preusig	5	COOGER Spin Mop Blue 360 derajat - Alat Pel Lantai	74900	1	74900	2023-05-12	VA Mandiri
6	6	Tzvetan	Zielinski	6	Wardah Body Care Olive Series - Natural Halal Melemb	75240	3	225720	2023-06-13	Gopay
7	7	Atelier	NULL	7	Serum Avoskin Miraculous Refining 30ml-AHA BHA-W	224000	5	1120000	2023-07-14	OVO
8	1	Bezalel	Simmel	8	Cetaphil Baby Daily Lotion with Organic Calendula 400	68500	3	205500	2023-08-15	COD
9	2	Parto	Bamford	9	Cocolatte Stroller Bayi CL 909 Spin Reversible - Orange	1449000	7	10143000	2023-09-16	VA Mandiri
10	3	Chirstian	Koblick	10	Minimal Aires Shirt Green - GREEN, S	360000	8	2880000	2023-10-17	Gopay
11	4	Kyoichi	Maliniak	11	Dress Anak Bayi Perempuan Cewek Putih Kelinci Katun	69500	1	69500	2023-11-18	OVO
12	5	Anneke	Preusig	12	Kemeja Lengan Panjang Pria Cottonology Hella Hitam	10500	2	21000	2023-12-19	COD
13	6	Tzvetan	Zielinski	13	Milna Biskuit Bayi Jeruk 130gr	17000	4	68000	2022-01-20	VA Mandiri
14	7	Atelier	NULL	14	Coca Cola Japanese Design LIMITED EDITION JAPAN	48400	9	435600	2022-02-21	Gopay
15	1	Bezalel	Simmel	15	Kusuka Keripik Singkong Ayam Lada Hitam 180 gram	16900	4	67600	2022-03-22	OVO
16	2	Parto	Bamford	16	Vitamin C	90000	5	450000	2022-04-23	COD
17	1	Bezalel	Simmel	4	Philips LOW WATT Air Fryer HD9200/91 - 800 Watt - R	980000	2	1960000	2022-05-24	VA Mandiri
18	3	Chirstian	Koblick	3	Milk Frother Elektrik Pembuih Susu Baterai Hand Mixer	99000	1	99000	2022-06-25	Gopay