

1. Insert

a. 5 operator

The screenshot shows the MySQL Workbench interface. On the left, the 'Local MySQL' database is selected, and the 'alta_online_shop' database is expanded, showing the 'operators' table. The main window displays a query titled 'Untitled - Query' with the following SQL code:

```
1 INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Denny Muharom', CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Okky Septian', CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Ahmad Aunullah', CURRENT_TIMESTAMP);
4 INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Jalaluddin AF', CURRENT_TIMESTAMP);
5 INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Abu', CURRENT_TIMESTAMP);
```

The 'Message' tab at the bottom shows the execution results for each row:

```
INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Denny Muharom', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,01s

INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Okky Septian', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,002s

INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Ahmad Aunullah', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Jalaluddin AF', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.operators (name, created_at) VALUES ('Abu', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,002s
```

b. 3 product type

The screenshot shows the MySQL Workbench interface. On the left, the 'Local MySQL' database is selected, and the 'alta_online_shop' database is expanded, showing the 'product_types' table. The main window displays a query titled 'Untitled - Query' with the following SQL code:

```
1 INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('electronics', CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('home appliances', CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('wardrobe', CURRENT_TIMESTAMP);
```

The 'Message' tab at the bottom shows the execution results for each row:

```
INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('electronics', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,01s

INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('home appliances', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,002s

INSERT INTO alta_online_shop.product_types (name, created_at) VALUES ('wardrobe', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s
```

c. 2 product dengan product type id=1 dan operator id = 2

The screenshot shows the MySQL Workbench interface. On the left, the 'Local MySQL' database is selected, and the 'alta_online_shop' database is expanded, showing the 'products' table. The main window displays a query titled 'Untitled - Query' with the following SQL code:

```
1 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (1, 3, 'ASUS-G15', 'Asus ROG Zephyrus G15', 1, CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (1, 3, 'ASUS-G11', 'Asus ROG Zephyrus G11', 1, CURRENT_TIMESTAMP);
```

The 'Message' tab at the bottom shows the execution results for each row:

```
INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (1, 3, 'ASUS-G15', 'Asus ROG Zephyrus G15', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,009s

INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (1, 3, 'ASUS-G11', 'Asus ROG Zephyrus G11', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s
```

d. 3 product dengan product type id=2 dan operator id = 1



The screenshot shows a MySQL Query Editor window with three INSERT statements for the `alta_online_shop.products` table. The left sidebar shows the database structure with `product_types` and `operators` selected. The query is as follows:

```
1 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'REF-M155', 'Refrigerator Philipps M-155 BISAI', 1, CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'WJN-X12', 'CodeX Wajan Berteflon', 1, CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'SP-111', 'Spoon 111', 1, CURRENT_TIMESTAMP);
```

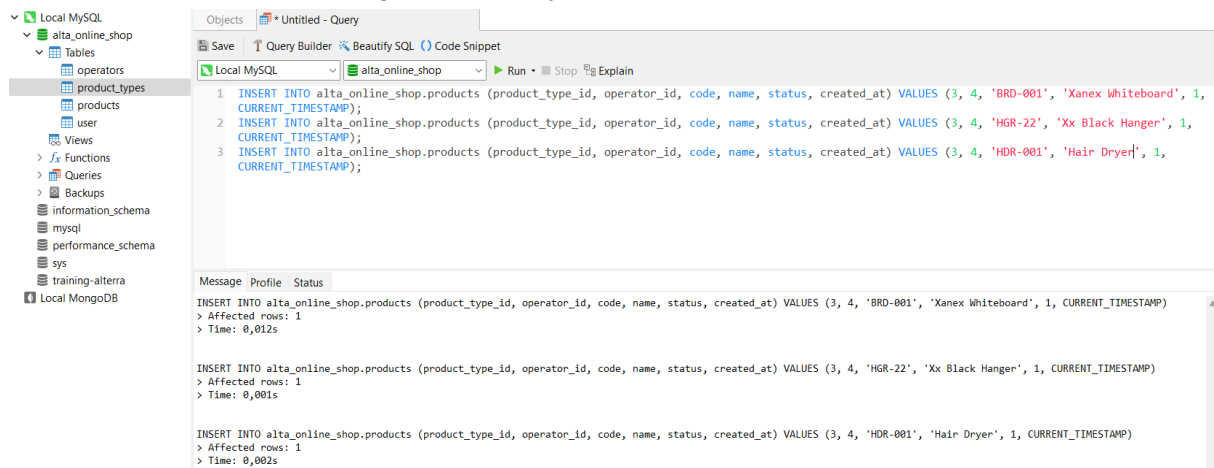
The message pane shows the execution results for each statement:

```
INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'REF-M155', 'Refrigerator Philipps M-155 BISAI', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,011s

INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'WJN-X12', 'CodeX Wajan Berteflon', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,003s

INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (2, 1, 'SP-111', 'Spoon 111', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s
```

e. 3 product dengan product type id=3 dan operator id = 4



The screenshot shows a MySQL Query Editor window with three INSERT statements for the `alta_online_shop.products` table. The left sidebar shows the database structure with `product_types` and `operators` selected. The query is as follows:

```
1 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'BRD-001', 'Xanex Whiteboard', 1, CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'HGR-22', 'Xx Black Hanger', 1, CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'HDR-001', 'Hair Dryer', 1, CURRENT_TIMESTAMP);
```

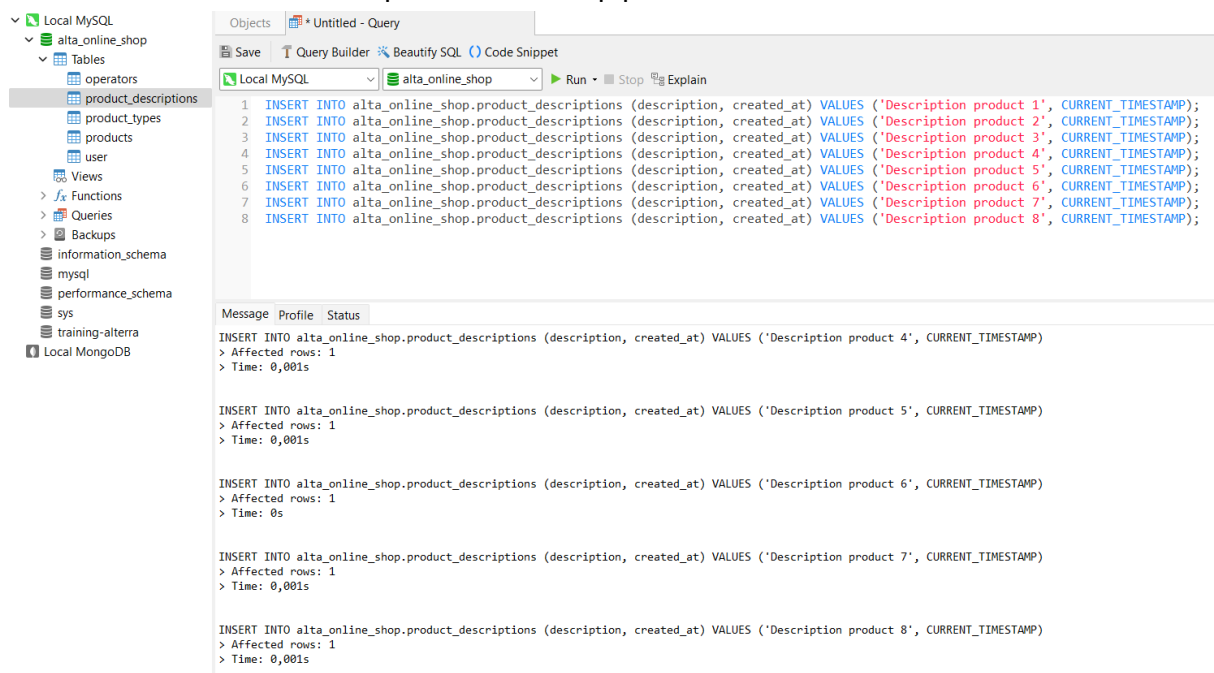
The message pane shows the execution results for each statement:

```
INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'BRD-001', 'Xanex Whiteboard', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,012s

INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'HGR-22', 'Xx Black Hanger', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.products (product_type_id, operator_id, code, name, status, created_at) VALUES (3, 4, 'HDR-001', 'Hair Dryer', 1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,002s
```

f. Product description untuk setiap product



The screenshot shows a MySQL Query Editor window with eight INSERT statements for the `alta_online_shop.product_descriptions` table. The left sidebar shows the database structure with `product_descriptions` selected. The query is as follows:

```
1 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 1', CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 2', CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 3', CURRENT_TIMESTAMP);
4 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 4', CURRENT_TIMESTAMP);
5 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 5', CURRENT_TIMESTAMP);
6 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 6', CURRENT_TIMESTAMP);
7 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 7', CURRENT_TIMESTAMP);
8 INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 8', CURRENT_TIMESTAMP);
```

The message pane shows the execution results for each statement:

```
INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 4', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 5', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 6', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0s

INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 7', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.product_descriptions (description, created_at) VALUES ('Description product 8', CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s
```

g. 3 payment methods

Local MySQL

- alta_online_shop
 - Tables
 - operators
 - payment_methods
 - product_descriptions
 - product_types
 - products
 - user
 - Views
 - Functions
 - Queries
 - Backups
 - information_schema
 - mysql
 - performance_schema
 - sys
 - training-alterra
- Local MongoDB

Objects | *Untitled - Query | payment_methods @alta_online_shop (L...

Save | Query Builder | Beautify SQL | Code Snippet

Local MySQL | alta_online_shop | Run | Stop | Explain

```

1 INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('GoPay',1, CURRENT_TIMESTAMP);
2 INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('OVO',1, CURRENT_TIMESTAMP);
3 INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('QRIS',1, CURRENT_TIMESTAMP);

```

Message | Profile | Status

```

INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('GoPay',1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,011s

INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('OVO',1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,002s

INSERT INTO alta_online_shop.payment_methods (name, status, created_at) VALUES ('QRIS',1, CURRENT_TIMESTAMP)
> Affected rows: 1
> Time: 0,001s

```

h. 5 user

Local MySQL

- alta_online_shop
 - Tables
 - operators
 - payment_methods
 - product_descriptions
 - product_types
 - products
 - user
 - Views
 - Functions
 - Queries
 - Backups
 - information_schema
 - mysql
 - performance_schema
 - sys
 - training-alterra
- Local MongoDB

Objects | *Untitled - Query

Save | Query Builder | Beautify SQL | Code Snippet

Local MySQL | alta_online_shop | Run | Stop | Explain

```

1 INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Okky', 1, 'M', DATE('1989-08-11'), CURRENT_DATE);
2 INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Jalaj', 1, 'M', DATE('1989-05-15'), CURRENT_DATE);
3 INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Denny', 1, 'M', DATE('1989-01-01'), CURRENT_DATE);
4 INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Abu', 1, 'M', DATE('1989-09-01'), CURRENT_DATE);
5 INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Ali', 1, 'M', DATE('1989-03-21'), CURRENT_DATE);

```

Message | Profile | Status

```

INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Okky', 1, 'M', DATE('1989-08-11'), CURRENT_DATE)
> Affected rows: 1
> Time: 0,01s

INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Jalaj', 1, 'M', DATE('1989-05-15'), CURRENT_DATE)
> Affected rows: 1
> Time: 0,002s

INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Denny', 1, 'M', DATE('1989-01-01'), CURRENT_DATE)
> Affected rows: 1
> Time: 0,001s

INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Abu', 1, 'M', DATE('1989-09-01'), CURRENT_DATE)
> Affected rows: 1
> Time: 0,006s

INSERT INTO alta_online_shop.user (name, status, gender, dob, created_at) VALUES ('Ali', 1, 'M', DATE('1989-03-21'), CURRENT_DATE)
> Affected rows: 1
> Time: 0,001s

```

i. 3 transaksi pada masing-masing user

Objects | * Untitled - Query

Save Query Builder Beautify SQL Code Snippet

Local MySQL alta_online_shop Run Stop Explain

```

1 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (1, 2, 'ORDERED', 5, 100000,
CURRENT_TIMESTAMP);
2 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (1, 3, 'ORDERED', 3, 9000,
CURRENT_TIMESTAMP);
3
4 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (2, 1, 'ORDERED', 3, 30000,
CURRENT_TIMESTAMP);
5 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (2, 2, 'ORDERED', 9, 900000,
CURRENT_TIMESTAMP);
6 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (2, 3, 'ORDERED', 5, 40000,
CURRENT_TIMESTAMP);
7
8 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (3, 1, 'ORDERED', 2, 20000,
CURRENT_TIMESTAMP);
9 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (3, 2, 'ORDERED', 5, 100000,
CURRENT_TIMESTAMP);
10 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (3, 3, 'ORDERED', 3, 9000,
CURRENT_TIMESTAMP);
11
12 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (4, 1, 'ORDERED', 2, 20000,
CURRENT_TIMESTAMP);
13 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (4, 2, 'ORDERED', 5, 100000,
CURRENT_TIMESTAMP);
14 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (4, 3, 'ORDERED', 3, 9000,
CURRENT_TIMESTAMP);
15
16 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (5, 1, 'ORDERED', 3, 60000,
CURRENT_TIMESTAMP);
17 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (5, 2, 'ORDERED', 7, 350000,
CURRENT_TIMESTAMP);
18 INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (5, 3, 'ORDERED', 8, 40000,
CURRENT_TIMESTAMP);
19

```

Message Profile Status

INSERT INTO transactions (user_id, payment_method_id, status, total_qty, total_price, created_at) VALUES (4, 2, 'ORDERED', 5, 100000, CURRENT_TIMESTAMP)

> Affected rows: 1

> Time: 0,001s

j. 3 product pada masing-masing transaksi

Objects | * Untitled - Query

Save Query Builder Beautify SQL Code Snippet

Local MySQL alta_online_shop Run Stop Explain

```

1 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (1, 1, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
2 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (1, 2, 'NOT PAID', 2, 25000, CURRENT_TIMESTAMP
);
3 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (1, 3, 'NOT PAID', 3, 25000, CURRENT_TIMESTAMP
);
4
5 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (2, 4, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
6 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (2, 5, 'NOT PAID', 2, 25000, CURRENT_TIMESTAMP
);
7 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (2, 6, 'NOT PAID', 4, 25000, CURRENT_TIMESTAMP
);
8
9 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (3, 7, 'NOT PAID', 2, 25000, CURRENT_TIMESTAMP
);
10 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (3, 8, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
11 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (3, 1, 'NOT PAID', 3, 25000, CURRENT_TIMESTAMP
);
12
13 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (4, 2, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
14 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (4, 3, 'NOT PAID', 4, 25000, CURRENT_TIMESTAMP
);
15 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (4, 4, 'NOT PAID', 8, 25000, CURRENT_TIMESTAMP
);
16
17 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (5, 5, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
18 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (5, 6, 'NOT PAID', 1, 25000, CURRENT_TIMESTAMP
);
19 INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (5, 7, 'NOT PAID', 2, 25000, CURRENT_TIMESTAMP
);

```

Message Profile Status

INSERT INTO transaction_details (transaction_id, product_id, status, qty, price, created_at) VALUES (8, 7, 'NOT PAID', 2, 25000, CURRENT_TIMESTAMP)

> Affected rows: 1

> Time: 0s

2. Select

a. User dengan gender laki-laki

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `user` WHERE gender='M'
```

id	name	status	gender	created_at	updated_at	dob
1	Okky	1	M	2022-08-02	(Null)	1989-08-11
2	Jalaj	1	M	2022-08-02	(Null)	1989-05-15
3	Denny	1	M	2022-08-02	(Null)	1989-01-01
4	Abu	1	M	2022-08-02	(Null)	1989-09-01
5	Ali	1	M	2022-08-02	(Null)	1989-03-21

b. Product dengan id=3

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `products` WHERE id = 3;
```

id	product_type_id	operator_id	code	name	status	created_at	updated_at
3	2	1	REF-M155	Refrigerator	1	2022-08-02 09	(Null)

c. User yang created_at 7 hari terakhir dan mempunyai nama yang mengandung "a"

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `user` WHERE `name` LIKE '%a%' AND `created_at` >= CURRENT_DATE - INTERVAL 7 DAY;
```

id	name	status	gender	created_at	updated_at	dob
2	Jalaj	1	M	2022-08-02	(Null)	1989-05-15
4	Abu	1	M	2022-08-02	(Null)	1989-09-01
5	Ali	1	M	2022-08-02	(Null)	1989-03-21

d. Hitung jumlah user dengan gender perempuan

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `user` WHERE gender = 'F'
```

id	name	status	gender	created_at	updated_at	dob
5	Fatima	1	F	2022-08-02	(Null)	1989-03-21

e. Data user sesuai abjad

Objects *Untitled - Query

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `user` ORDER BY `name` ASC;
```

id	name	status	gender	created_at	updated_at	dob
4	Abu	1	M	2022-08-02	(Null)	1989-09-01
3	Denny	1	M	2022-08-02	(Null)	1989-01-01
5	Fatima	1	F	2022-08-02	(Null)	1989-03-21
2	Jalaj	1	M	2022-08-02	(Null)	1989-05-15
1	Okky	1	M	2022-08-02	(Null)	1989-08-11

f. 5 data pada tabel products

Local MySQL alta_online_shop Run Stop Explain

```
1 SELECT * FROM `products` LIMIT 5;
```

id	product_type_id	operator_id	code	name	status	created_at	updated_at
1	1	3	ASUS-G15	Asus ROG	1	2022-08-02 09	(Null)
2	1	3	ASUS-G11	Asus ROG	1	2022-08-02 09	(Null)
3	2	1	REF-M155	Refrigerator	1	2022-08-02 09	(Null)
4	2	1	WJN-X12	CodeX W	1	2022-08-02 09	(Null)
5	2	1	SP-111	Spoon 11	1	2022-08-02 09	(Null)

3. Update

a. product id 1 dengan nama "product dummy"

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 UPDATE products
2 SET `name`='Product Dummy'
3 WHERE id=1;
4
5 SELECT * FROM products WHERE id=1;

```

Message Result 1 Profile Status

id	product_type_id	operator_id	code	name	status	created_at	updated_at
1	1	3	ASUS-G15	Product Dummy	1	2022-08-02 09	(Null)

b. Qty = 3 pada transaction detail dengan product_id = 1

Local MySQL alta_online_shop Run Stop Explain

```

1 UPDATE transaction_details
2 SET `qty`=3
3 WHERE product_id=1;
4
5 SELECT * FROM transaction_details WHERE product_id=1;

```

Message Result 1 Profile Status

id	transaction_id	product_id	status	qty	price	created_at	updated_at
1	1	1	1 NOT PAID	3	25000,00	2022-08-03 04	(Null)
9	3	1	1 NOT PAID	3	25000,00	2022-08-03 04	(Null)
17	6	1	1 NOT PAID	3	25000,00	2022-08-03 04	(Null)
25	9	1	1 NOT PAID	3	25000,00	2022-08-03 04	(Null)

4. Delete

a. Data pada tabel products dengan id=1

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 DELETE FROM products
2 WHERE id=1;
3
4 SELECT * FROM products;

```

Message Result 1 Profile Status

id	product_type_id	operator_id	code	name	status	created_at	updated_at
2	1	3	ASUS-G11	Asus ROG Zephyrus	1	2022-08-02 09	(Null)
3	2	1	REF-M155	Refrigerator Philips	1	2022-08-02 09	(Null)
4	2	1	WJN-X12	CodeX Wajan Bert	1	2022-08-02 09	(Null)
5	2	1	SP-111	Spoon 111	1	2022-08-02 09	(Null)
6	3	4	BRD-001	Xanex Whiteboard	1	2022-08-02 09	(Null)
7	3	4	HGR-22	Xx Black Hanger	1	2022-08-02 09	(Null)
8	3	4	HDR-001	Hair Dryer	1	2022-08-02 09	(Null)

b. data pada tabel products product_type_id = 1

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 DELETE FROM products
2 WHERE product_type_id=1;
3
4 SELECT * FROM products;

```

id	product_type_id	operator_id	code	name	status	created_at	updated_at
3	2	1	REF-M155	Refigerator Philipi	1	2022-08-02 09	(Null)
4	2	1	WJN-X12	CodeX Wajan Bert	1	2022-08-02 09	(Null)
5	2	1	SP-111	Spoon 111	1	2022-08-02 09	(Null)
6	3	4	BRD-001	Xanex Whiteboarc	1	2022-08-02 09	(Null)
7	3	4	HGR-22	Xx Black Hanger	1	2022-08-02 09	(Null)
8	3	4	HDR-001	Hair Dryer	1	2022-08-02 09	(Null)

Join, Union, Subquery, Function

1. Gabungkan data transaksi user id 1 dan user id 2

```

1 SELECT * FROM transactions WHERE user_id=1
2 UNION ALL
3 SELECT * FROM transactions WHERE user_id=2

```

id	user_id	payment_method_id	status	total_qty	total_price	created_at	updated_at
1	1	2	ORDERED	2	20000,00	2022-08-03 03	(Null)
2	1	5	ORDERED	5	100000,00	2022-08-03 03	(Null)
3	1	3	ORDERED	3	9000,00	2022-08-03 03	(Null)
4	2	1	ORDERED	3	30000,00	2022-08-03 03	(Null)
5	2	2	ORDERED	9	900000,00	2022-08-03 03	(Null)
6	2	3	ORDERED	5	40000,00	2022-08-03 03	(Null)

2. Tampilkan jumlah harga transaksi user id 1

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 SELECT SUM(total_price) AS `Jumlah_Harga` FROM transactions WHERE user_id=1;

```

Jumlah_Harga
129000,00

3. Tampilkan total transaksi dengan product type = 2

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 SELECT
2 SUM(`A`.`total_price`) AS `Jumlah_Harga`
3 FROM `transactions` `A`
4 JOIN `transaction_details` `B` ON `A`.`id` = `B`.`transaction_id`
5 JOIN `products` `C` ON `B`.`product_id` = `C`.`id`
6 JOIN `product_types` `D` ON `C`.`product_type_id` = `D`.`id`
7 WHERE `A`.`user_id` = 1;

```

Message Result 1 Profile Status

Jumlah_Harga

338000,00

4. Tampilkan semua field table products dan field name table product_types yang saling berhubungan

Local MySQL alta_online_shop Run Stop Explain

```

1 SELECT
2 `A`.*,
3 `B`.`name` AS `product_type_name`
4 FROM `products` `A`
5 LEFT JOIN `product_types` `B` ON `A`.`product_type_id` = `B`.`id`

```

Message Result 1 Profile Status

id	product_type_id	operator_id	code	name	status	created_at	updated_at	product_type_name
3	2	1	REF-M155	Refrigerator Philips	1	2022-08-02 09	(Null)	home appliances
4	2	1	WJN-X12	CodeX Wajan Berteflo	1	2022-08-02 09	(Null)	home appliances
5	2	1	SP-111	Spoon 111	1	2022-08-02 09	(Null)	home appliances
6	3	4	BRD-001	Xanex Whiteboard	1	2022-08-02 09	(Null)	wardrobe
7	3	4	HGR-22	Xx Black Hanger	1	2022-08-02 09	(Null)	wardrobe
8	3	4	HDR-001	Hair Dryer	1	2022-08-02 09	(Null)	wardrobe

5. Tampilkan semua field table transactions, field name table products, dan field name table user

Save Query Builder Beautify SQL Code Snippet Text Export Result

Local MySQL alta_online_shop Run Stop Explain

```

1 SELECT
2 `A`.*,
3 `C`.`name` AS `product_name`,
4 `D`.`name` AS `user_name`
5 FROM `transactions` `A`
6 JOIN `transaction_details` `B` ON `A`.`id` = `B`.`transaction_id`
7 JOIN `products` `C` ON `B`.`product_id` = `C`.`id`
8 JOIN `users` `D` ON `A`.`user_id` = `D`.`id`;

```

Message Result 1 Profile Status

id	user_id	payment_method_id	status	total_qty	total_price	created_at	updated_at	product_name	user_name
1	1	1	ORDERED	2	20000,00	2022-08-03 03	(Null)	Refrigerator Philipps M Okky	
2	1	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	CodeX Wajan Berteflo Okky	
2	1	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	Spoon 111 Okky	
2	1	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	Xanex Whiteboard Okky	
3	1	3	ORDERED	3	9000,00	2022-08-03 03	(Null)	Xx Black Hanger Okky	
3	1	3	ORDERED	3	9000,00	2022-08-03 03	(Null)	Hair Dryer Okky	
4	2	1	ORDERED	3	30000,00	2022-08-03 03	(Null)	Refrigerator Philipps M Jalaj	
4	2	1	ORDERED	3	30000,00	2022-08-03 03	(Null)	CodeX Wajan Berteflo Jalaj	
5	2	2	ORDERED	9	900000,00	2022-08-03 03	(Null)	Spoon 111 Jalaj	
5	2	2	ORDERED	9	900000,00	2022-08-03 03	(Null)	Xanex Whiteboard Jalaj	
5	2	2	ORDERED	9	900000,00	2022-08-03 03	(Null)	Xx Black Hanger Jalaj	
6	2	3	ORDERED	5	40000,00	2022-08-03 03	(Null)	Hair Dryer Jalaj	
7	3	1	ORDERED	2	20000,00	2022-08-03 03	(Null)	Refrigerator Philipps M Denny	
7	3	1	ORDERED	2	20000,00	2022-08-03 03	(Null)	CodeX Wajan Berteflo Denny	
7	3	1	ORDERED	2	20000,00	2022-08-03 03	(Null)	Spoon 111 Denny	
8	3	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	Xanex Whiteboard Denny	
8	3	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	Xx Black Hanger Denny	
8	3	2	ORDERED	5	100000,00	2022-08-03 03	(Null)	Hair Dryer Denny	

SELECT `A`.*, `C`.`name` AS `product_name`, `D`.`name` AS `user_name` FROM `transactions` `A` JOIN `transaction_details` `B` ON `A`.`id` = `B`.`transaction_id` JOIN `pr` Read Only Query time: 0.016s Record 1 of 19