Praktikum 3 Sistem Basis Data 2023

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Kelas : G
RDBMS : MySQL
Link SQL :
https://drive.google.com/file/d/1sMX96WbNH2n1w83wdCTjUIaQknJ UImOY/view?usp=sharing
Kode Asdos : SBDG01
Sesi : **PRAKTIKUM 3**

Nomor 1

Sintaks:

```sql
SELECT idBarang, namaBarang, Stock - terbeli AS nilai_stock_terkini
FROM
(SELECT p.id AS idBarang, p.name AS namaBarang, COUNT(pc.quantity) AS
terbeli, p.stock AS Stock, pc.product_id
FROM products p
    JOIN product_carts pc ON p.id = pc.product_id
    JOIN carts c ON pc.cart_id = c.id
    WHERE c.`status` = 'checkout'
    GROUP BY
        pc.product_id) hasil
GROUP BY
    idBarang,namaBarang
```
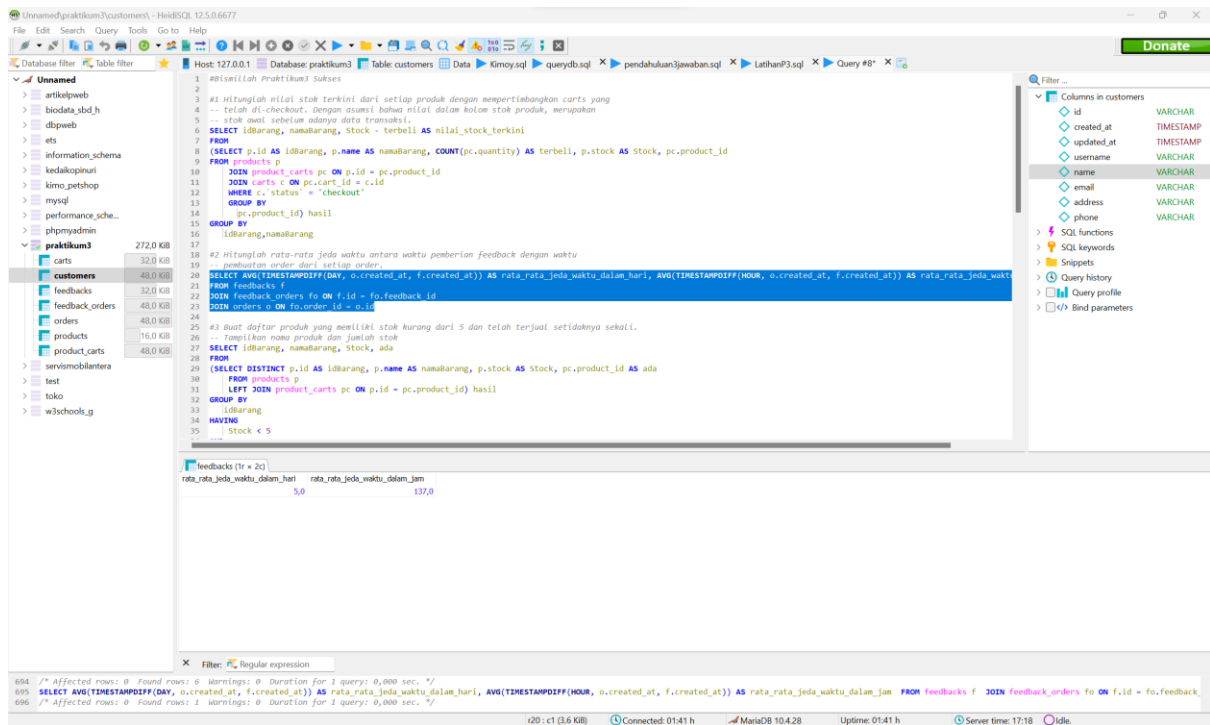
Hasil:

Nomor 2

Sintaks:

```sql
SELECT AVG(TIMESTAMPDIFF(DAY, o.created_at, f.created_at)) AS
rata_rata_jeda_waktu_dalam_hari, AVG(TIMESTAMPDIFF(HOUR, o.created_at,
f.created_at)) AS rata_rata_jeda_waktu_dalam_jam
FROM feedbacks f
JOIN feedback_orders fo ON f.id = fo.feedback_id
JOIN orders o ON fo.order_id = o.id
```
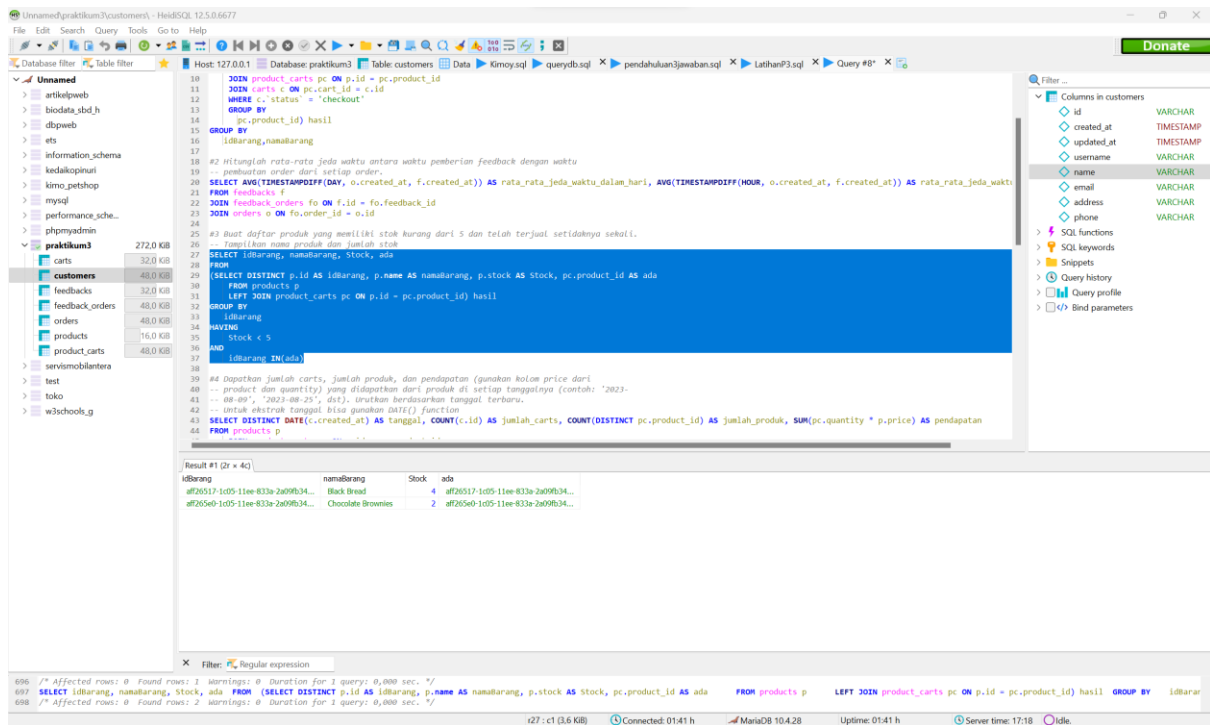
Hasil:

Nomor 3

Sintaks:

```sql
SELECT idBarang, namaBarang, Stock, ada
FROM
(SELECT DISTINCT p.id AS idBarang, p.name AS namaBarang, p.stock AS Stock,
pc.product_id AS ada
        FROM products p
        LEFT JOIN product_carts pc ON p.id = pc.product_id) hasil
GROUP BY
        idBarang
HAVING
        Stock < 5
AND
        idBarang IN(ada)
```

Hasil:

Nomor 4

Sintaks:

```sql
SELECT DISTINCT DATE(c.created_at) AS tanggal, COUNT(c.id) AS jumlah_carts,
COUNT(DISTINCT pc.product_id) AS jumlah_produk, SUM(pc.quantity * p.price)
AS pendapatan
FROM products p
        JOIN product_carts pc ON p.id = pc.product_id
        JOIN carts c ON pc.cart_id = c.id
GROUP BY
        tanggal
```

Hasil:

Nomor 5

Sintaks:

```sql
SELECT *
FROM products p
LEFT JOIN
(SELECT DISTINCT p.id AS sudah_direview
        FROM products p
        JOIN product_carts pc ON p.id = pc.product_id
        JOIN orders o ON pc.cart_id = o.cart_id
        JOIN feedback_orders fo ON o.id = fo.order_id
        JOIN feedbacks f ON fo.feedback_id = f.id
        GROUP BY p.id) produk_direview ON p.id = sudah_direview
GROUP BY
        p.id
```

Hasil:

Nomor 6

Sintaks:

```sql
SELECT SUM(total_price)/COUNT(id) Rata_rata_total_harga_order
FROM orders o
WHERE o.status = 'validated'
```

Hasil:

Nomor 7

Sintaks:

```sql
SELECT cs.name, p.name, pc.quantity
FROM customers cs
    JOIN carts c ON cs.id = c.customer_id
    JOIN product_carts pc ON c.id = pc.cart_id
    JOIN products p ON pc.product_id = p.id
    WHERE c.`status` = 'idle'
    GROUP BY
        cs.name
```

Hasil:

Nomor 8

Sintaks:

Hasil:

Nomor 9

Sintaks:

Hasil:

Nomor 10

Sintaks:

Hasil: