**Praktikum 3 Sistem Basis Data 2023**

**NRP / Nama :** 5025221191/Ahmad Fatih Ramadhani **Kelas :** G

**RDBMS :** MySQL

**Link SQL : https://drive.google.com/file/d/1sMX96WbNH2n1w83wdCTjUlaQknJUlmOY/view?usp=sharing**

**Kode Asdos :** SBDG01

**Sesi : PRAKTIKUM 3**

**Nomor 1**

Sintaks:

**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'

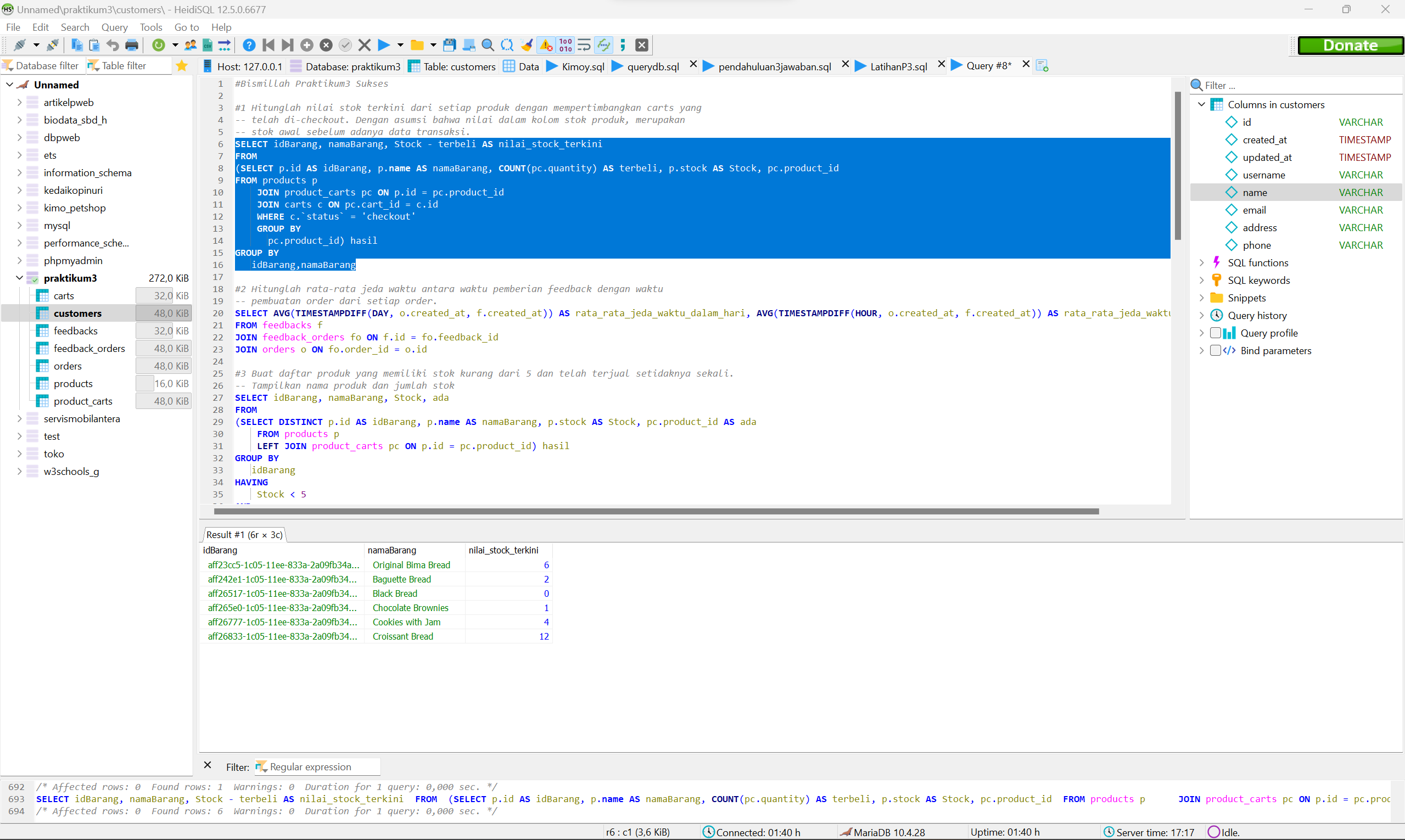
**GROUP** **BY**

pc.product\_id) hasil

**GROUP** **BY**

idBarang,namaBarang

Hasil:



**Nomor 2**

Sintaks:

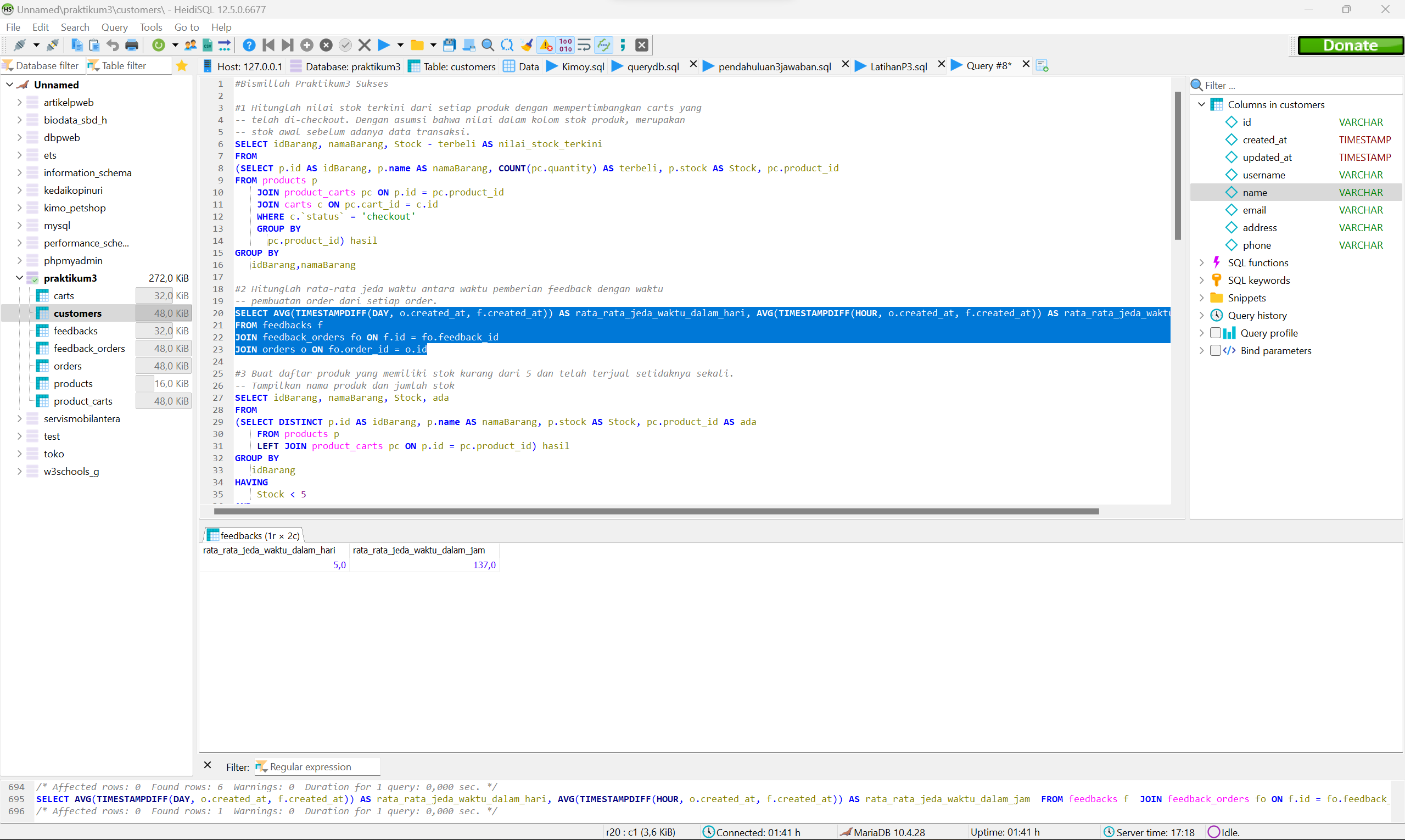
**SELECT** **AVG**(**TIMESTAMPDIFF**(**DAY**, o.created\_at, f.created\_at)) **AS** rata\_rata\_jeda\_waktu\_dalam\_hari, **AVG**(**TIMESTAMPDIFF**(**HOUR**, o.created\_at, f.created\_at)) **AS** rata\_rata\_jeda\_waktu\_dalam\_jam

**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:

**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

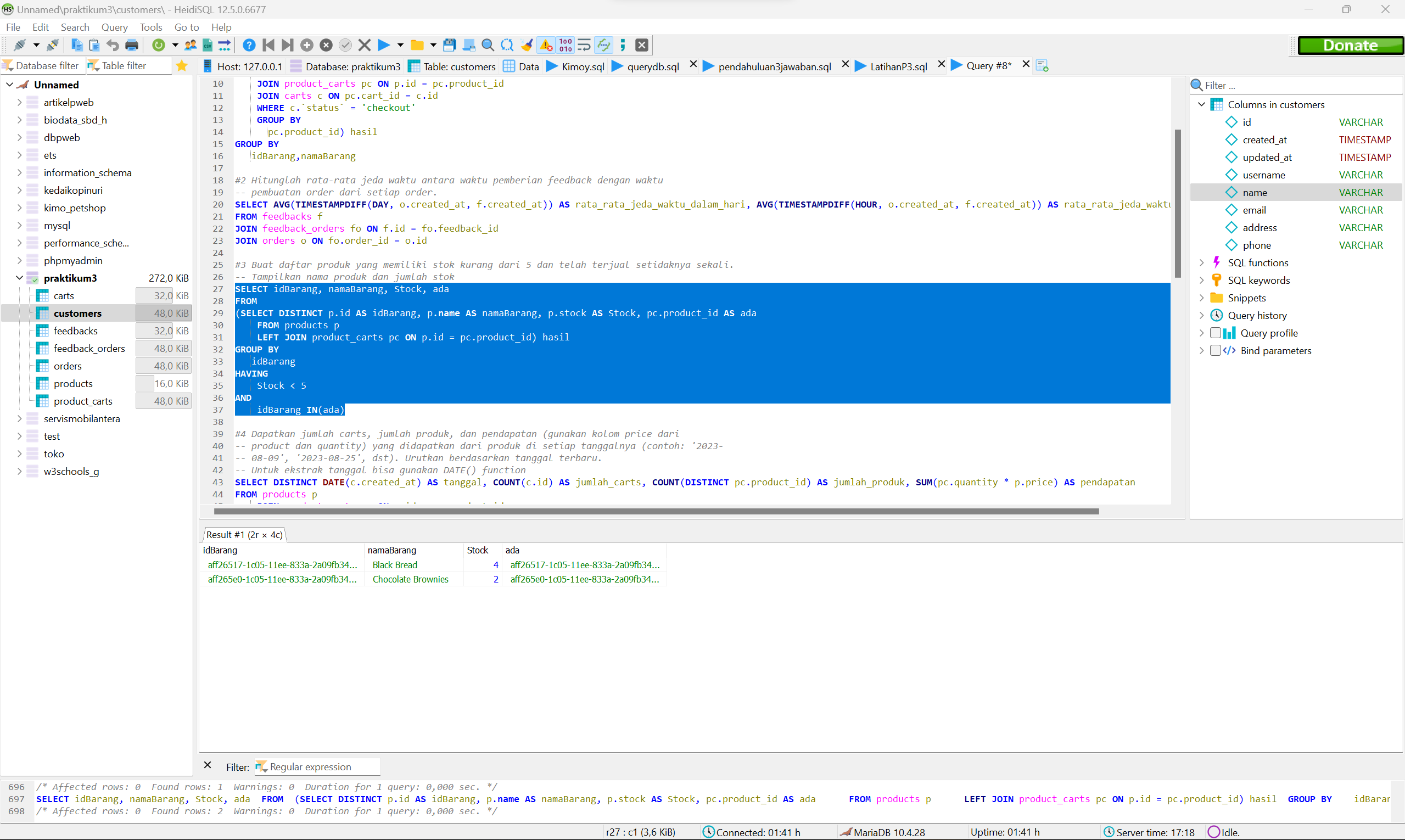
**HAVING**

Stock < 5

**AND**

idBarang **IN**(ada)

Hasil:



**Nomor 4**

Sintaks:

**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

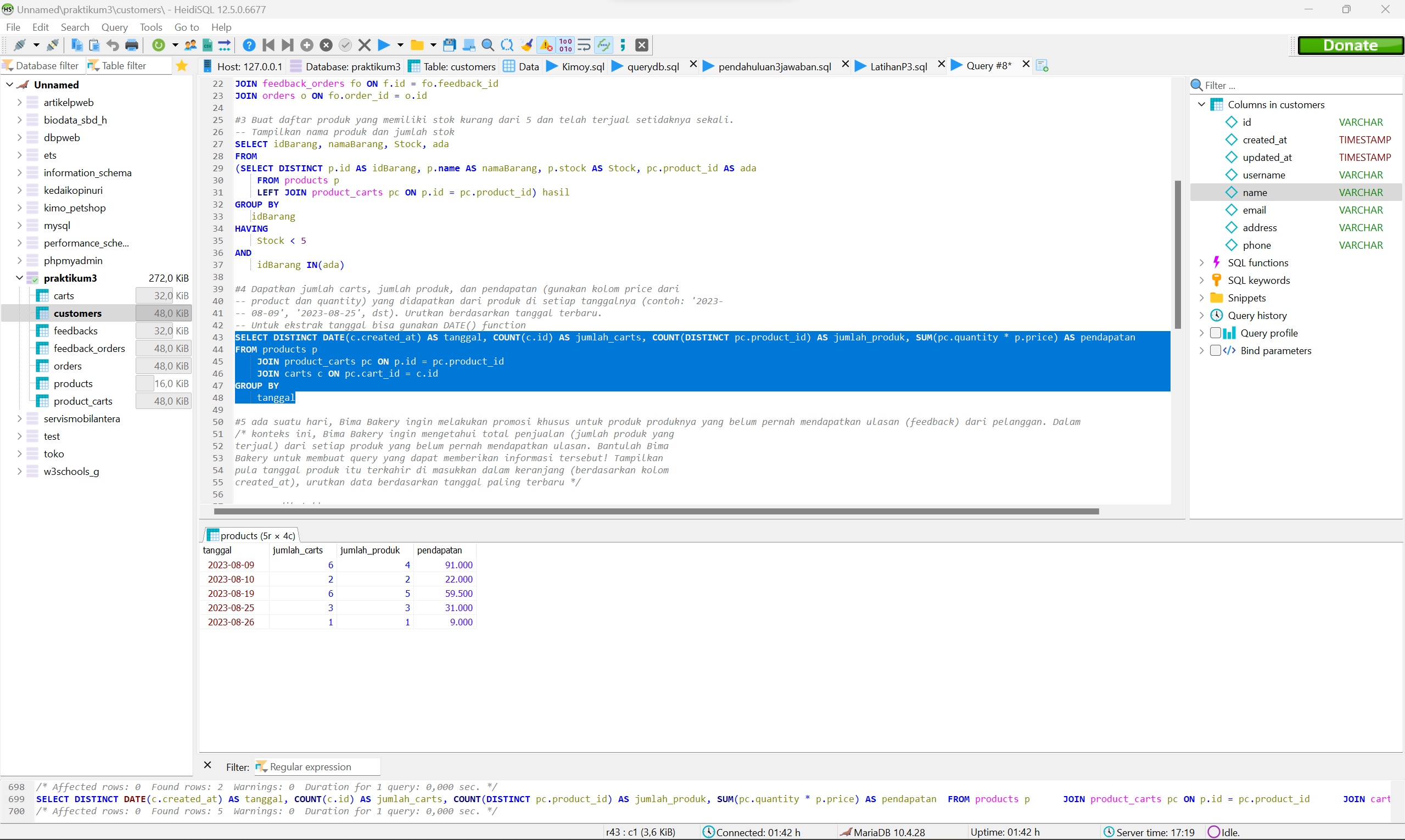
**JOIN** product\_carts pc **ON** p.id = pc.product\_id

**JOIN** carts c **ON** pc.cart\_id = c.id

**GROUP** **BY**

tanggal

Hasil:



**Nomor 5**

Sintaks:

**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

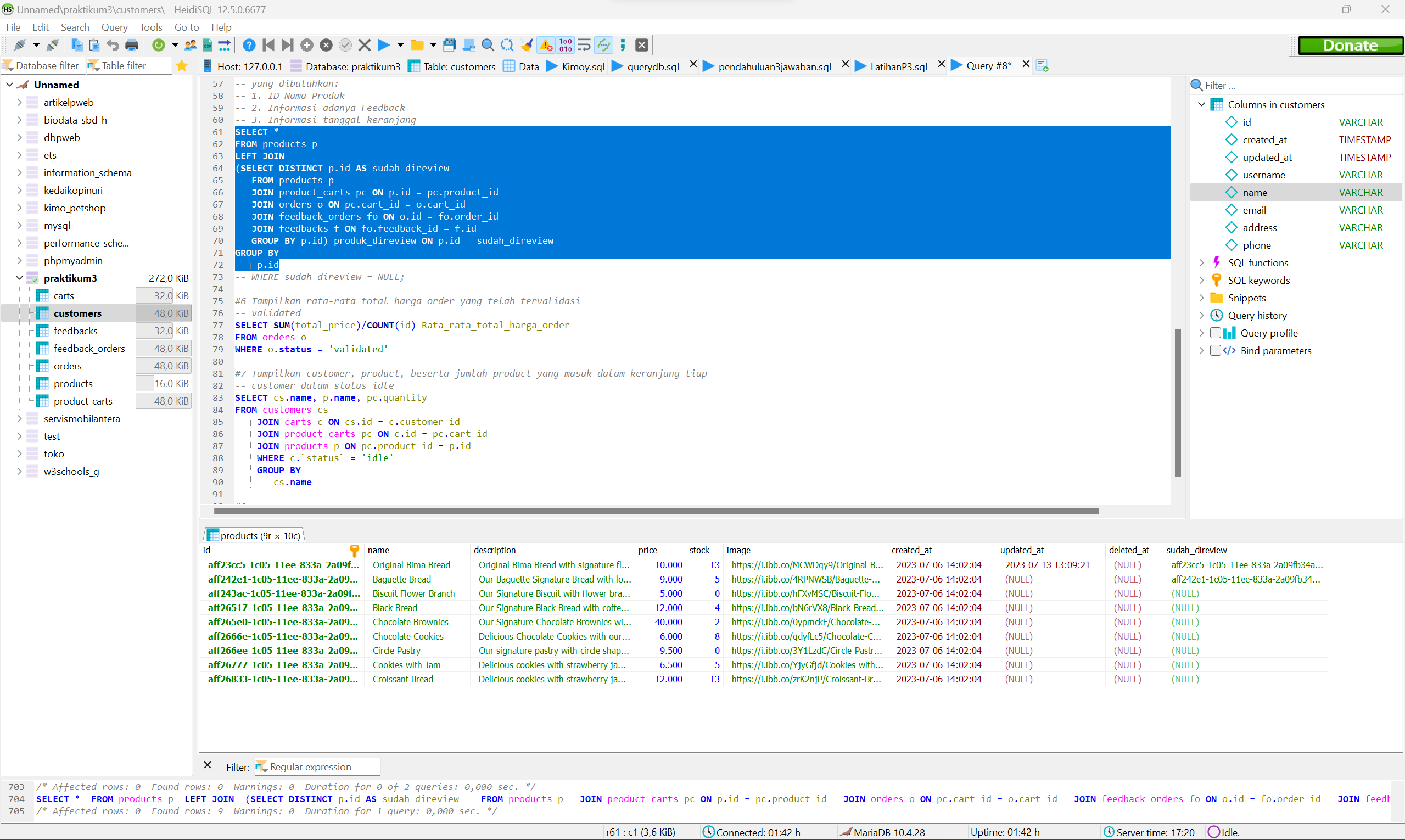
**JOIN** feedbacks f **ON** fo.feedback\_id = f.id

**GROUP** **BY** p.id) produk\_direview **ON** p.id = sudah\_direview

**GROUP** **BY**

p.id

Hasil:



**Nomor 6**

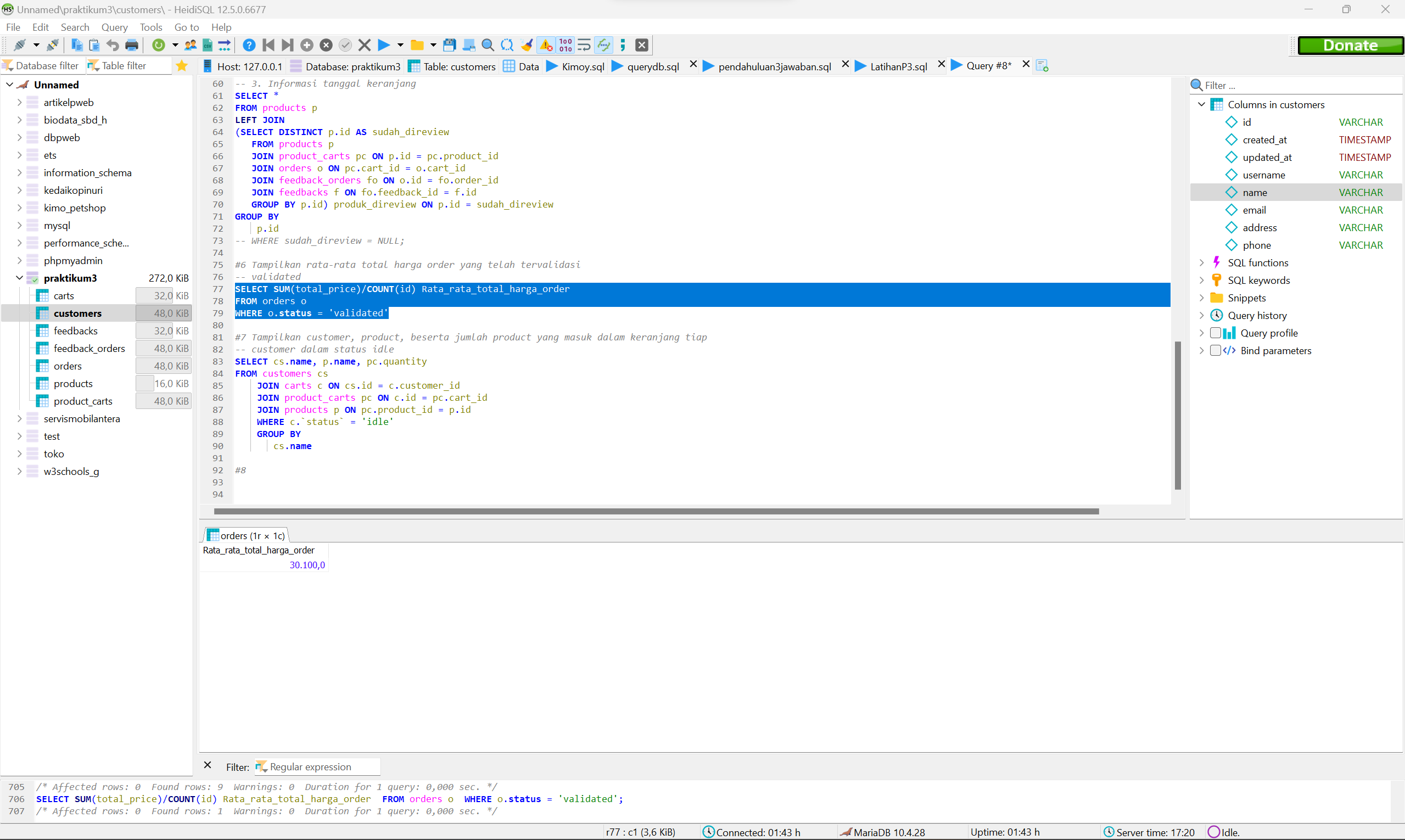
Sintaks:

**SELECT** **SUM**(total\_price)/**COUNT**(id) Rata\_rata\_total\_harga\_order

**FROM** orders o

**WHERE** o.**status** = 'validated'

Hasil:



**Nomor 7**

Sintaks:

**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

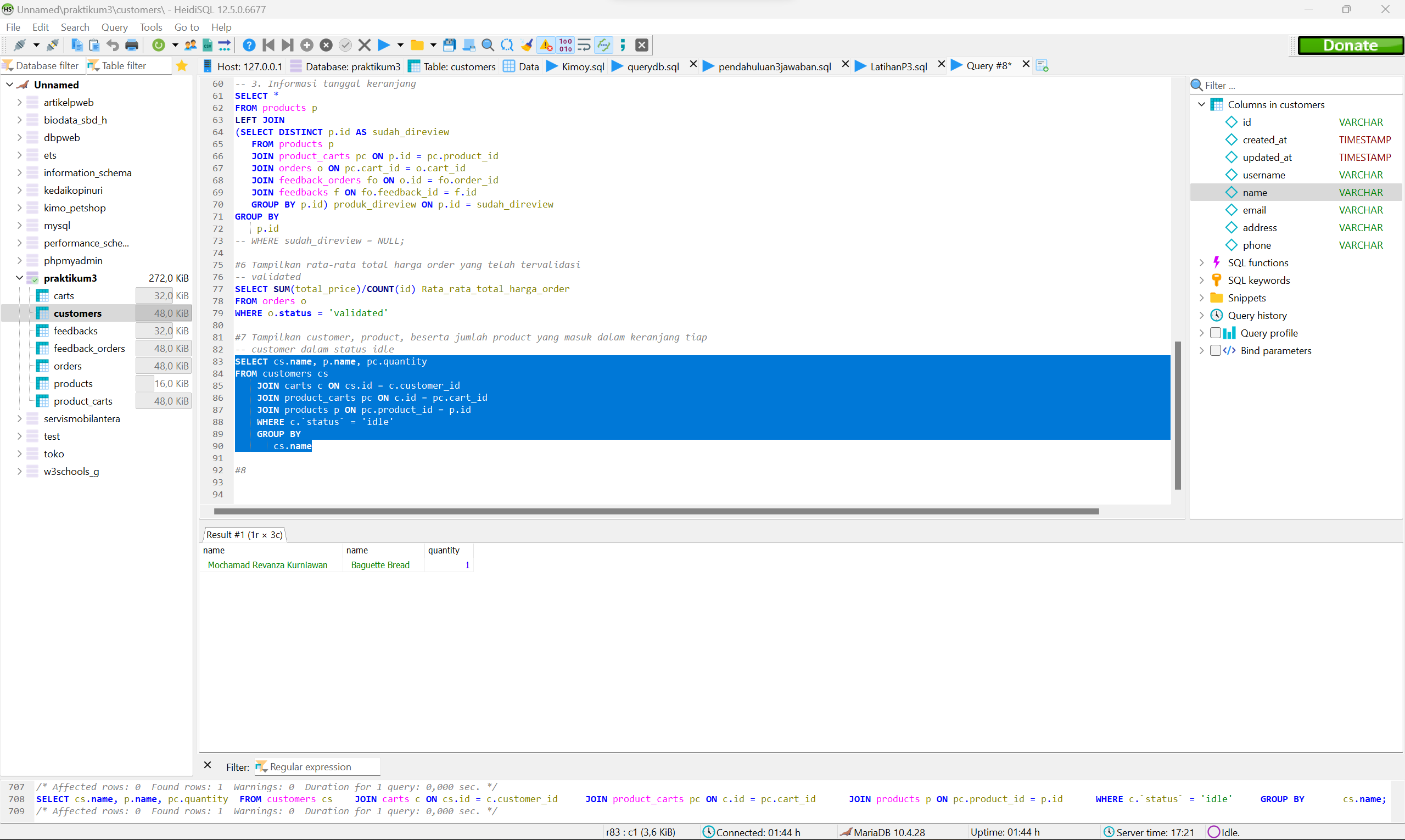
**JOIN** products p **ON** pc.product\_id = p.id

**WHERE** c.`status` = 'idle'

**GROUP** **BY**

cs.**name**

Hasil:



**Nomor 8**

Sintaks:

Hasil:

**Nomor 9**

Sintaks:

Hasil:

**Nomor 10**

Sintaks:

Hasil: