

NAMA : RIZANWIM TAKWA ROSAKYAR

NIM : 23241029

Kelas : A

Modul : modul 4 : ORDER BY, FUNGSI AGREGASI, GROUP BY, dan HAVING

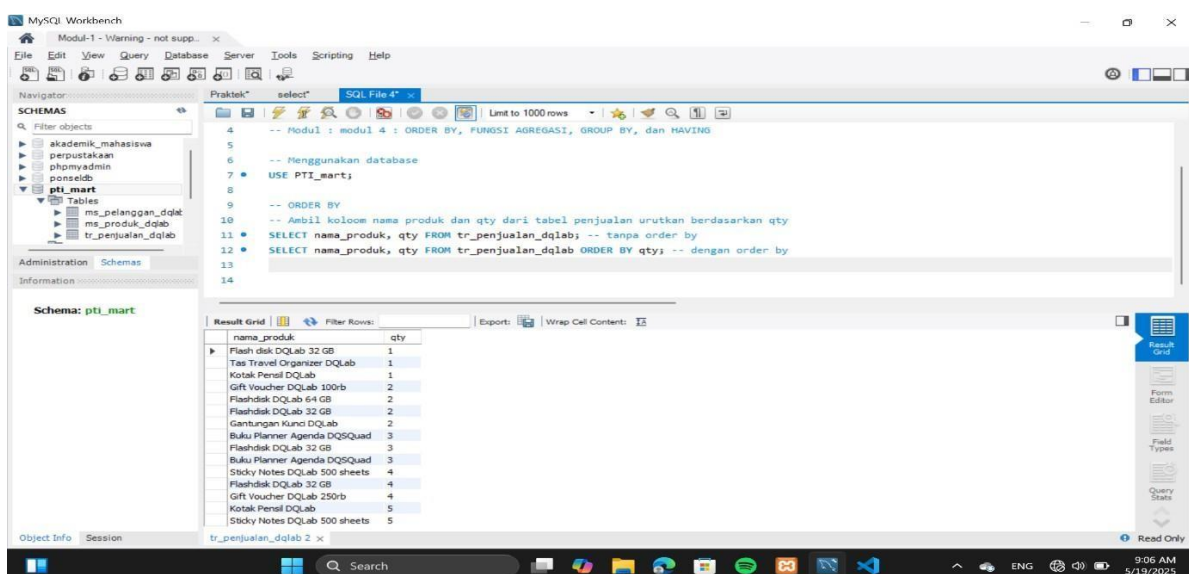
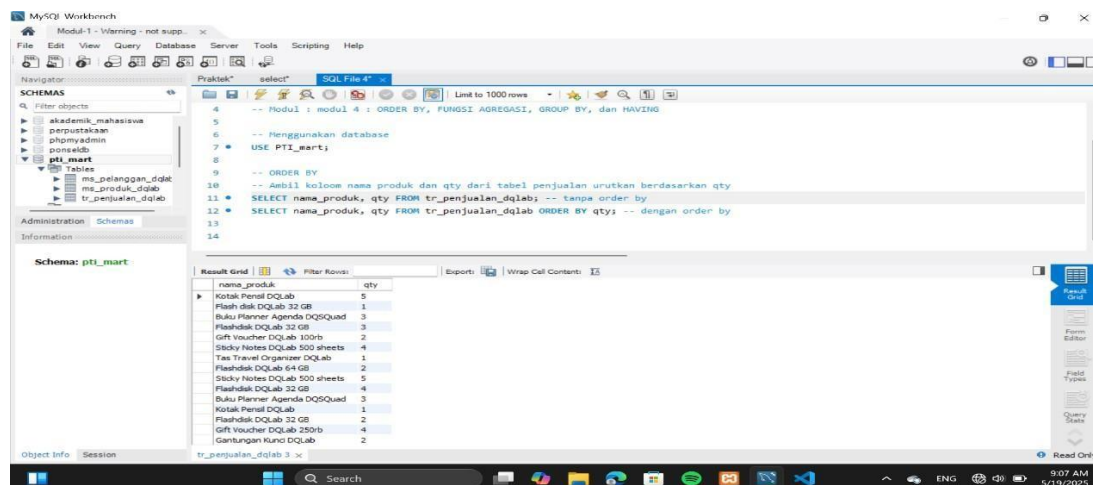
-- Menggunakan database

USE PTI\_mart;

## -- ORDER BY

-- Ambil kolom nama produk dan qty dari tabel penjualan urutkan berdasarkan qty

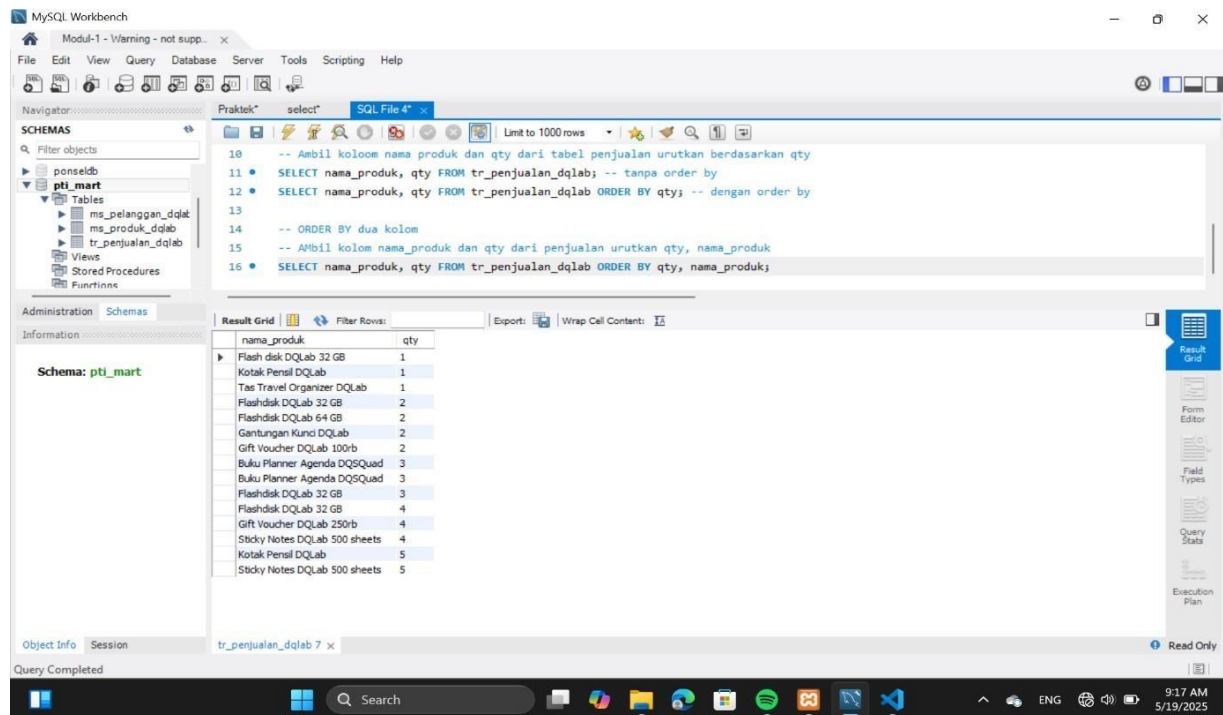
SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab; -- tanpa order by



SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty; -- dengan order by --  
**ORDER BY 2 kolom**

-- Ambil kolom nama\_produk dan qty dari penjualan urutkan qty, nama\_produk

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty, nama\_produk;



-- latihan mandiri

SELECT \* FROM tr\_penjualan\_dqlab ORDER BY qty, tgl\_transaksi;

MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

akademik\_mahasiswa  
perpustakaan  
phpmyadmin  
ponseldb  
pti\_mart  
Tables  
Views  
Stored Procedures  
Functions  
shope\_style  
test  
toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bhhhh

Limit to 1000 rows

```

12 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty; -- dengan order by
13
14 -- ORDER BY 2 kolom
15 -- Ambil kolom nama_produk dan qty dari penjualan urutkan qty, nama_produk
16 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty, nama_produk;
17
18 -- latihan mandiri
19 SELECT * FROM tr_penjualan_dqlab ORDER BY qty, tgl_transaksi;

```

Result Grid

	kode_urut_transaksi	kode_transaksi	kode_pelanggan	tgl_transaksi	no_urut	kode_produk	nama_produk	qty	harga	diskon_persen
2		tr-001	dqlabcust07	2020-05-01 00:00:00	2	prod-03	Flash disk DQLab 32 GB	1	100000	25
7		tr-002	dqlabcust00	2020-05-01 00:00:00	3	prod-07	Tas Travel Organizer DQLab	1	48000	0
12		tr-005	dqlabcust00	2020-06-12 00:00:00	2	prod-01	Kotak Pensil DQLab	1	62500	5
5		tr-002	dqlabcust00	2020-05-01 00:00:00	1	prod-03	Gift Voucher DQLab 100rb	2	100000	0
8		tr-003	dqlabcust03	2020-05-03 00:00:00	1	prod-02	Flashdisk DQLab 64 GB	2	55000	12.5
13		tr-005	dqlabcust00	2020-06-12 00:00:00	3	prod-08	Flashdisk DQLab 32 GB	2	40000	0
15		tr-006	dqlabcust02	2020-06-19 00:00:00	2	prod-08	Gantungan Kunci DQLab	2	15800	0
3		tr-001	dqlabcust07	2020-05-01 00:00:00	3	prod-09	Buku Planner Agenda DQSSquad	3	92000	0
4		tr-001	dqlabcust07	2020-05-01 00:00:00	4	prod-04	Flashdisk DQLab 32 GB	3	40000	0
11		tr-005	dqlabcust00	2020-06-12 00:00:00	1	prod-09	Buku Planner Agenda DQSSquad	3	92000	0
6		tr-002	dqlabcust00	2020-05-01 00:00:00	2	prod-10	Sticky Notes DQLab 500 sheets	4	55000	0
10		tr-004	dqlabcust03	2020-05-03 00:00:00	2	prod-04	Flashdisk DQLab 32 GB	4	40000	0
14		tr-006	dqlabcust02	2020-06-19 00:00:00	1	prod-05	Gift Voucher DQLab 250rb	4	250000	0
1		tr-001	dqlabcust07	2020-05-01 00:00:00	1	prod-01	Kotak Pensil DQLab	5	62500	0
9		tr-004	dqlabcust03	2020-05-03 00:00:00	1	prod-10	Sticky Notes DQLab 500 sheets	5	55000	0

Object Info Session

tr\_penjualan\_dqlab 12 x

Read Only

27°C Berawan

Search

ENG

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SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY nama\_pelanggan;

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

akademik\_mahasiswa  
perpustakaan  
phpmyadmin  
ponseldb  
pti\_mart  
Tables  
Views  
Stored Procedures  
Functions  
shope\_style  
test  
toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bhhhh

Limit to 1000 rows

```

15 -- Ambil kolom nama_produk dan qty dari penjualan urutkan qty, nama_produk
16 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty, nama_produk;
17
18 -- latihan mandiri
19 SELECT * FROM tr_penjualan_dqlab ORDER BY qty, tgl_transaksi;
20 SELECT * FROM ms_pelanggan_dqlab ORDER BY nama_pelanggan;
21 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat;
22
23 -- ORDER BY ASC dan DESC
24 -- kolom nama produk dan qty dari tabel penjualan urutkan qty terbesar
25 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty DESC;
26
27 -- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z

```

Result Grid

	kode_pelanggan	no_urut	nama_pelanggan	alamat
	dqlabcust07	7	Agus Cahyono	Vila Gunung Seribu, Blok F4 - No. 8
	dqlabcust10	10	Djoko Wardoyo, Drs.	Vila Bukit Sagitarus, Blok A1 No. 1
	dqlabcust01	1	Eva Novianti, S.H.	Vila Sempilan, No. 67 - Kota B
	dqlabcust02	2	Heidi Goh	Vila Sempilan, No. 11 - Kota B
	dqlabcust09	9	Ir. Ita Nugraha	Vila Bukit Sagitarus, Gang Kelapa No. 6
	dqlabcust06	6	Irwan Setianto	Vila Gunung Seribu, Blok O1 - No. 1 - Kota C
	dqlabcust04	4	Jokolono Sukarman	Vila Permata Intan Berklau, Blok C5-7
	dqlabcust08	8	Maria Srait	Vila Bukit Sagitarus, Gang, Sawit No. 3
	dqlabcust00	0	Pelanggan Non Member	
	dqlabcust05	5	Tommy Sinaga	Vila Permata Intan Berklau, Blok A1/2
	dqlabcust03	3	Unang Handoko	Vila Sempilan, No. 1 - Kota B

Object Info Session

ms\_pelanggan\_dqlab 13 x

Read Only

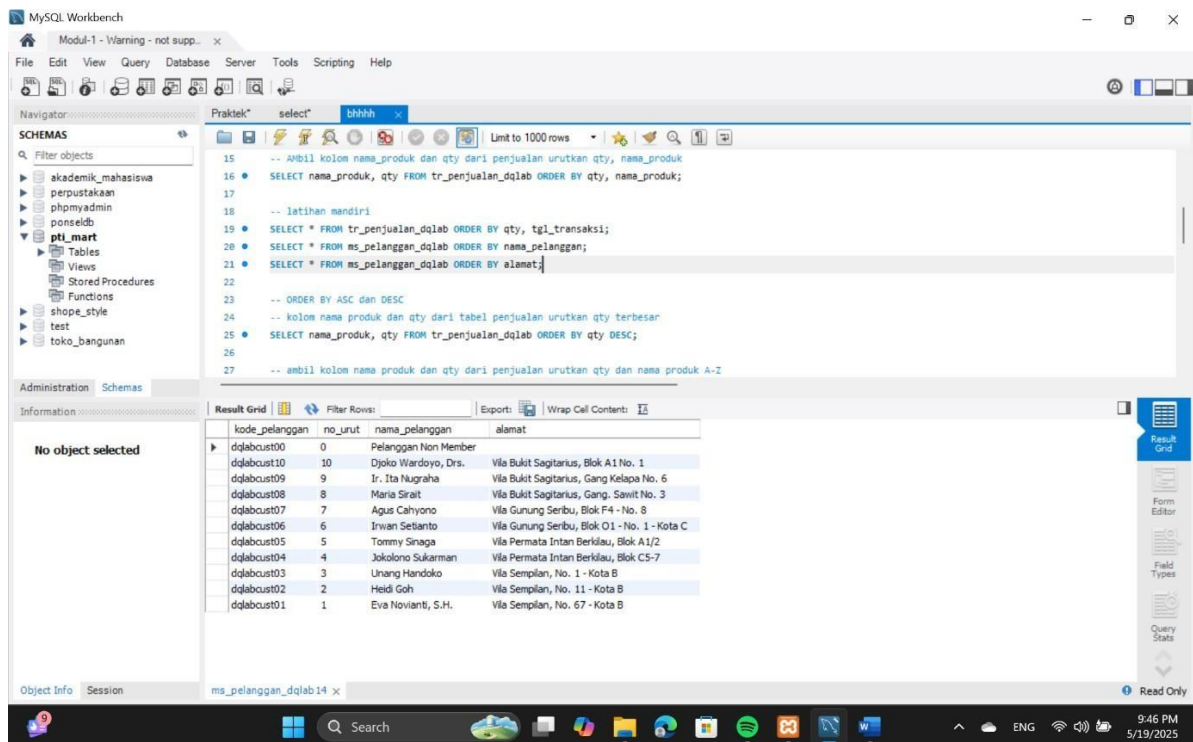
27°C Berawan

Search

ENG

9:45 PM 5/19/2025

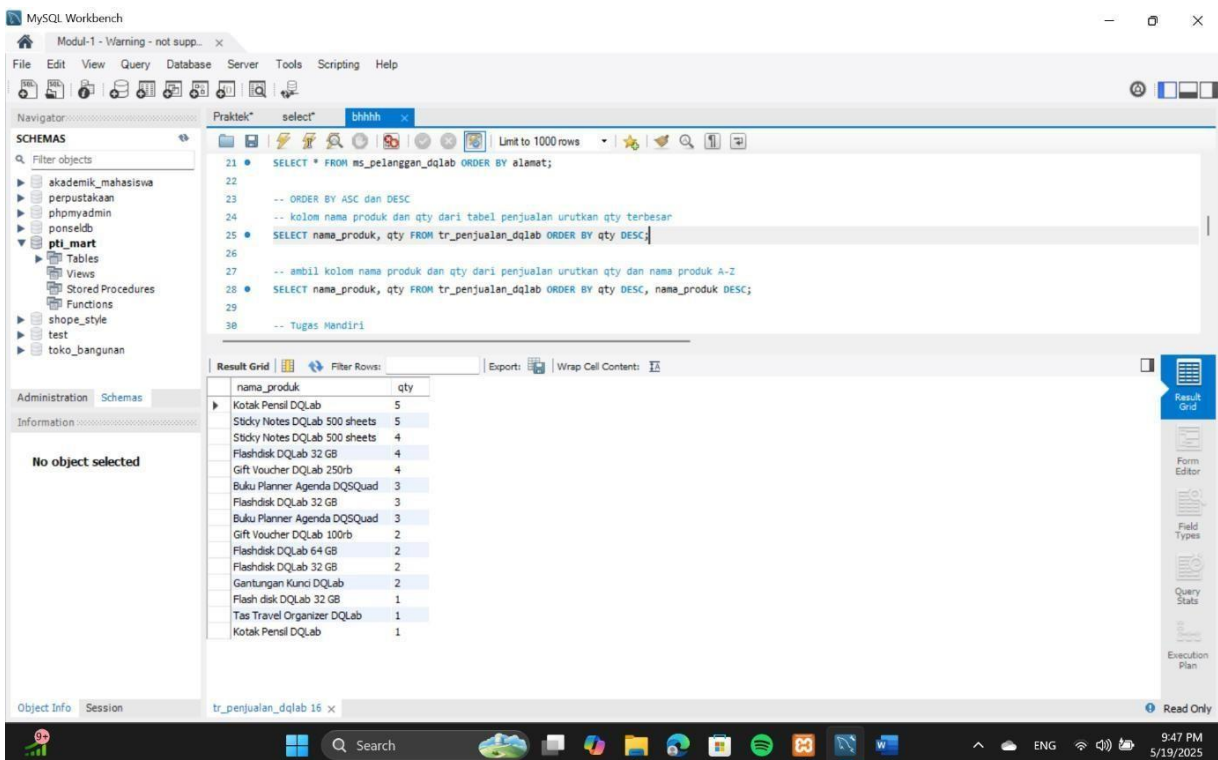
SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY alamat;



-- ORDER BY ASC dan DESC

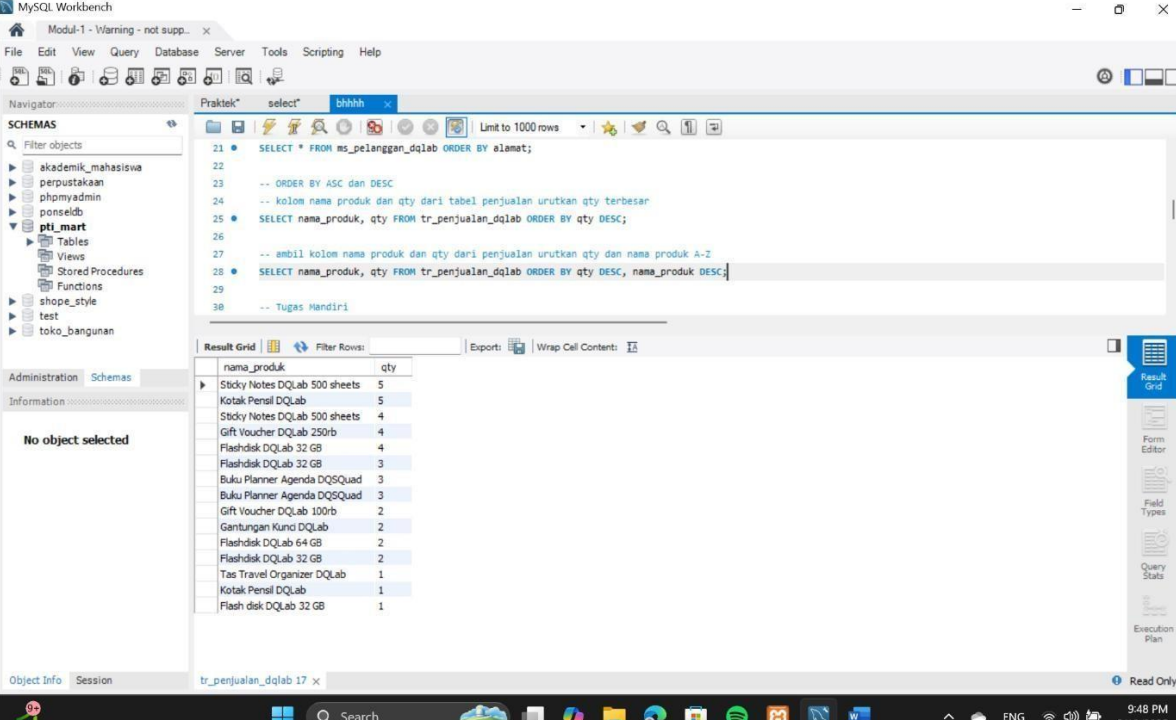
-- kolom nama produk dan qty dari tabel penjualan urutkan qty terbesar

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC;



-- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC, nama\_produk DESC;



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'pti\_mart' selected. The main editor window contains a SQL query:   
21 SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY alamat;  
22  
23 -- ORDER BY ASC dan DESC  
24 -- kolom nama produk dan qty dari tabel penjualan urutkan qty terbesar  
25 SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC;  
26  
27 -- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z  
28 SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC, nama\_produk DESC;  
29  
30 -- Tugas Mandiri  
The 'Result Grid' at the bottom shows the results of the query, sorted by 'qty' in descending order. The table has two columns: 'nama\_produk' and 'qty'.

nama_produk	qty
Sticky Notes DQLab 500 sheets	5
Kotak Pensil DQLab	5
Sticky Notes DQLab 500 sheets	4
Gift Voucher DQLab 250rb	4
Flashdisk DQLab 32 GB	4
Flashdisk DQLab 32 GB	3
Buku Planner Agenda DQSquad	3
Buku Planner Agenda DQSquad	3
Gift Voucher DQLab 100rb	2
Gantungan Kunci DQLab	2
Flashdisk DQLab 64 GB	2
Flashdisk DQLab 32 GB	2
Tas Travel Organizer DQLab	1
Kotak Pensil DQLab	1
Flash disk DQLab 32 GB	1

-- Tugas Mandiri

SELECT \* FROM tr\_penjualan\_dqlab ORDER BY tgl\_transaksi DESC, qty ASC;



MySQL Workbench

Modul-1 - Warning - not supp...

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Praktek\* select\* bhhhh

Limit to 1000 rows

```

27 -- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z
28 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty DESC, nama_produk DESC;
29
30 -- Tugas Mandiri
31 SELECT * FROM tr_penjualan_dqlab ORDER BY tgl_transaksi DESC, qty ASC;
32 SELECT * FROM ms_pelanggan_dqlab ORDER BY nama_pelanggan DESC;
33 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat DESC;
34
35 -- ORDER BY dari hasil pengolahan filed (kolom)
36 -- Ambil nama produk, qty, harga, total (qty*harga) dari penjualan urutkan berdasarkan total

```

Result Grid

	kode_urut_transaksi	kode_transaksi	kode_pelanggan	tgl_transaksi	no_urut	kode_produk	nama_produk	qty	harga	diskon_persen
15		tr-006	dqlabcust02	2020-06-19 00:00:00	2	prod-08	Gantungan Kunci DQLab	2	15800	0
14		tr-006	dqlabcust02	2020-06-19 00:00:00	1	prod-05	Gift Voucher DQLab 250rb	4	250000	0
12		tr-005	dqlabcust00	2020-06-12 00:00:00	2	prod-01	Kotak Pensil DQLab	1	62500	5
13		tr-005	dqlabcust00	2020-06-12 00:00:00	3	prod-04	Flashdisk DQLab 32 GB	2	40000	0
11		tr-005	dqlabcust00	2020-06-12 00:00:00	1	prod-09	Buku Planner Agenda DQSQuad	3	92000	0
8		tr-003	dqlabcust03	2020-05-03 00:00:00	1	prod-02	Flashdisk DQLab 64 GB	2	55000	12.5
10		tr-004	dqlabcust03	2020-05-03 00:00:00	2	prod-04	Flashdisk DQLab 32 GB	4	40000	0
9		tr-004	dqlabcust03	2020-05-03 00:00:00	1	prod-10	Sticky Notes DQLab 500 sheets	5	55000	0
2		tr-001	dqlabcust07	2020-05-01 00:00:00	2	prod-03	Flash disk DQLab 32 GB	1	100000	25
7		tr-002	dqlabcust00	2020-05-01 00:00:00	3	prod-07	Tas Travel Organizer DQLab	1	48000	0
5		tr-002	dqlabcust00	2020-05-01 00:00:00	1	prod-03	Gift Voucher DQLab 100rb	2	100000	0
3		tr-001	dqlabcust07	2020-05-01 00:00:00	3	prod-09	Buku Planner Agenda DQSQuad	3	92000	0
4		tr-001	dqlabcust07	2020-05-01 00:00:00	4	prod-04	Flashdisk DQLab 32 GB	3	40000	0
6		tr-002	dqlabcust00	2020-05-01 00:00:00	2	prod-10	Sticky Notes DQLab 500 sheets	4	55000	0
1		tr-001	dqlabcust07	2020-05-01 00:00:00	1	prod-01	Kotak Pensil DQLab	5	62500	0

Object Info Session tr\_penjualan\_dqlab 18 x

Read Only

SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY nama\_pelanggan DESC;

MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Praktek\* select\* bhhhh

Limit to 1000 rows

```

27 -- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z
28 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty DESC, nama_produk DESC;
29
30 -- Tugas Mandiri
31 SELECT * FROM tr_penjualan_dqlab ORDER BY tgl_transaksi DESC, qty ASC;
32 SELECT * FROM ms_pelanggan_dqlab ORDER BY nama_pelanggan DESC;
33 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat DESC;
34
35 -- ORDER BY dari hasil pengolahan filed (kolom)
36 -- Ambil nama produk, qty, harga, total (qty*harga) dari penjualan urutkan berdasarkan total

```

Result Grid

	kode_pelanggan	no_urut	nama_pelanggan	alamat
	dqlabcust03	3	Unang Handoko	Vila Semplan, No. 1 - Kota B
	dqlabcust05	5	Tommy Sinaga	Vila Permata Intan Berklau, Blok A1/2
	dqlabcust00	0	Pelanggan Non Member	
	dqlabcust08	8	Maria Sirait	Vila Bukit Sagitarus, Gang. Sawit No. 3
	dqlabcust04	4	Jokolono Sukarman	Vila Permata Intan Berklau, Blok C5-7
	dqlabcust06	6	Irwan Sebanto	Vila Gunung Senbu, Blok 01 - No. 1 - Kota C
	dqlabcust09	9	Ir. Ita Nugraha	Vila Bukit Sagitarus, Gang Kelapa No. 6
	dqlabcust02	2	Heldi Goh	Vila Semplan, No. 11 - Kota B
	dqlabcust01	1	Eva Novianti, S.H.	Vila Semplan, No. 67 - Kota B
	dqlabcust10	10	Djoko Wardoyo, Drs.	Vila Bukit Sagitarus, Blok A1 No. 1
	dqlabcust07	7	Agus Cahyono	Vila Gunung Senbu, Blok F4 - No. 8

Object Info Session ms\_pelanggan\_dqlab 19 x

Read Only

SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY alamat DESC;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with a list of databases including 'pti\_mart'. The main editor window contains a SQL query with several comments and three SELECT statements. The 'Result Grid' at the bottom shows the output of the third query, which lists customer information from the 'ms\_pelanggan\_dqlab' table.

**SQL Query:**

```

27 -- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z
28 SELECT nama_produk, qty FROM tr_penjualan_dqlab ORDER BY qty DESC, nama_produk DESC;
29
30 -- Tugas Mandiri
31 SELECT * FROM tr_penjualan_dqlab ORDER BY tgl_transaksi DESC, qty ASC;
32 SELECT * FROM ms_pelanggan_dqlab ORDER BY nama_pelanggan DESC;
33 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat DESC;
34
35 -- ORDER BY dari hasil pengolahan filed (kolom)
36 -- Ambil nama produk, qty, harga, total (qty*harga) dari penjualan urutkan berdasarkan total

```

**Result Grid:**

kode_pelanggan	no_urut	nama_pelanggan	alamat
dqlabcust01	1	Eva Novianti, S.H.	Vila Sempilan, No. 67 - Kota B
dqlabcust02	2	Heidi Goh	Vila Sempilan, No. 11 - Kota B
dqlabcust03	3	Unang Handoko	Vila Sempilan, No. 1 - Kota B
dqlabcust04	4	Jokolono Sukarman	Vila Permata Intan Berkilau, Blok C5-7
dqlabcust05	5	Tommy Sinaga	Vila Permata Intan Berkilau, Blok A1/2
dqlabcust06	6	Irwan Setianto	Vila Gunung Seribu, Blok O1 - No. 1 - Kota C
dqlabcust07	7	Agus Cahyono	Vila Gunung Seribu, Blok F4 - No. 8
dqlabcust08	8	Maria Sirait	Vila Bukit Sagitarus, Gang. Sawit No. 3
dqlabcust09	9	Ir. Ita Nugraha	Vila Bukit Sagitarus, Gang Kelapa No. 6
dqlabcust10	10	Djoko Wardoyo, Drs.	Vila Bukit Sagitarus, Blok A1 No. 1
dqlabcust00	0	Pelanggan Non Mem...	

-- ORDER BY dari hasil pengolahan filed (kolom)

-- Ambil nama produk, qty, harga, total (qty\*harga) dari penjualan urutkan berdasarkan total

SELECT nama\_produk, qty, harga, qty\*harga AS total FROM tr\_penjualan\_dqlab ORDER BY qty\*harga DESC;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' panel with a tree view of databases including 'akademik\_mahasiswa', 'perpustakaan', 'phpmyadmin', 'pmselab', 'pti\_mart', 'shope\_style', 'test', and 'toko\_bangunan'. The 'pti\_mart' database is selected, showing its tables, views, stored procedures, and functions. The main editor window contains a SQL query with line numbers 33 to 42. The query is as follows:

```

33 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat DESC;
34
35 -- ORDER BY dari hasil pengolahan filed (kolom)
36 -- Ambil nama produk, qty, harga, total (qty*harga) dari penjualan urutkan berdasarkan total
37 SELECT nama_produk, qty, harga, qty*harga AS total FROM tr_penjualan_dqlab ORDER BY qty*harga DESC;
38
39 -- Latihan Mandiri
40 SELECT * FROM tr_penjualan_dqlab;
41 -- SELECT qty, harga, qty*harga AS total FROM tr_penjualan_dqlab ORDER BY total_harga;
42 SELECT nama_produk, qty, harga, diskon_persen, qty*harga

```

Below the query editor, the 'Result Grid' is displayed, showing the results of the last executed query (line 42). The results are as follows:

nama_produk	qty	harga	total
Gift Voucher DQLab 250rb	4	250000	1000000
Kotak Pensil DQLab	5	62500	312500
Buku Planner Agenda DQSQuad	3	92000	276000
Buku Planner Agenda DQSQuad	3	92000	276000
Sticky Notes DQLab 500 sheets	5	55000	275000
Sticky Notes DQLab 500 sheets	4	55000	220000
Gift Voucher DQLab 100rb	2	100000	200000
Flashdisk DQLab 32 GB	4	40000	160000
Flashdisk DQLab 32 GB	3	40000	120000
Flashdisk DQLab 64 GB	2	55000	110000
Flash disk DQLab 32 GB	1	100000	100000
Flashdisk DQLab 32 GB	2	40000	80000
Kotak Pensil DQLab	1	62500	62500
Tas Travel Organizer DQLab	1	48000	48000
Gantungan Kunci DQLab	2	15800	31600

## -- Latihan Mandiri

SELECT nama\_produk, qty, harga, diskon\_persen, (qty\*harga) - (qty \* harga \* (diskon\_persen / 100 )) AS total\_harga\_setelah\_diskon

FROM tr\_penjualan\_dqlab ORDER BY total\_harga\_setelah\_diskon DESC;



MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

SHEMAS

Filter objects

- akademik\_mahasiswa
- perpustakaan
- phomyadmin
- ponseldb
- pti\_mart
  - Tables
  - Views
  - Stored Procedures
  - Functions
  - shope\_style
  - test
  - toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bbbbbb

Limit to 1000 rows

```

33 SELECT * FROM ms_pelanggan_dqlab ORDER BY alamat DESC;
34
35 -- ORDER BY dari hasil pengolahan filed (kolom)
36 -- Ambil nama produk, qty, harga, total (qty*harga) dari penjualan urutkan berdasarkan total
37 SELECT nama_produk, qty, harga, qty*harga AS total FROM tr_penjualan_dqlab ORDER BY qty*harga DESC;
38
39 -- Latihan Mandiri
40 SELECT nama_produk, qty, harga, diskon_persen, (qty*harga) - (qty * harga * (diskon_persen / 100)) AS total_harga_setelah_diskon
41 FROM tr_penjualan_dqlab ORDER BY total_harga_setelah_diskon DESC;
42

```

Result Grid

nama_produk	qty	harga	diskon_persen	total_harga_setelah_diskon
Gift Voucher DQLab 250rb	4	250000	0	1000000
Kotak Pensil DQLab	5	62500	0	312500
Buku Planner Agenda DQSQuad	3	92000	0	276000
Buku Planner Agenda DQSQuad	3	92000	0	276000
Sticky Notes DQLab 500 sheets	5	55000	0	275000
Sticky Notes DQLab 500 sheets	4	55000	0	220000
Gift Voucher DQLab 100rb	2	100000	0	200000
Flashdisk DQLab 32 GB	4	40000	0	160000
Flashdisk DQLab 32 GB	3	40000	0	120000
Flashdisk DQLab 64 GB	2	55000	12.5	96250
Flashdisk DQLab 32 GB	2	40000	0	80000
Flash disk DQLab 32 GB	1	100000	25	75000
Kotak Pensil DQLab	1	62500	5	59375
Tas Travel Organizer DQLab	1	48000	0	48000
Gantungan Kunci DQLab	2	15800	0	31600

Object Info Session Result 24 x Read Only

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## -- ORDER BY dengan WHERE

-- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab WHERE nama\_produk LIKE 'F%' ORDER BY qty DESC;

MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

SHEMAS

Filter objects

- akademik\_mahasiswa
- perpustakaan
- phomyadmin
- ponseldb
- pti\_mart
  - Tables
  - Views
  - Stored Procedures
  - Functions
  - shope\_style
  - test
  - toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bbbbbb

Limit to 1000 rows

```

37 SELECT nama_produk, qty, harga, qty*harga AS total FROM tr_penjualan_dqlab ORDER BY qty*harga DESC;
38
39 -- Latihan Mandiri
40 SELECT nama_produk, qty, harga, diskon_persen, (qty*harga) - (qty * harga * (diskon_persen / 100)) AS total_harga_setelah_diskon
41 FROM tr_penjualan_dqlab ORDER BY total_harga_setelah_diskon DESC;
42
43 -- ORDER BY dengan WHERE
44 -- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc
45 SELECT nama_produk, qty FROM tr_penjualan_dqlab WHERE nama_produk LIKE 'F%' ORDER BY qty DESC;
46

```

Result Grid

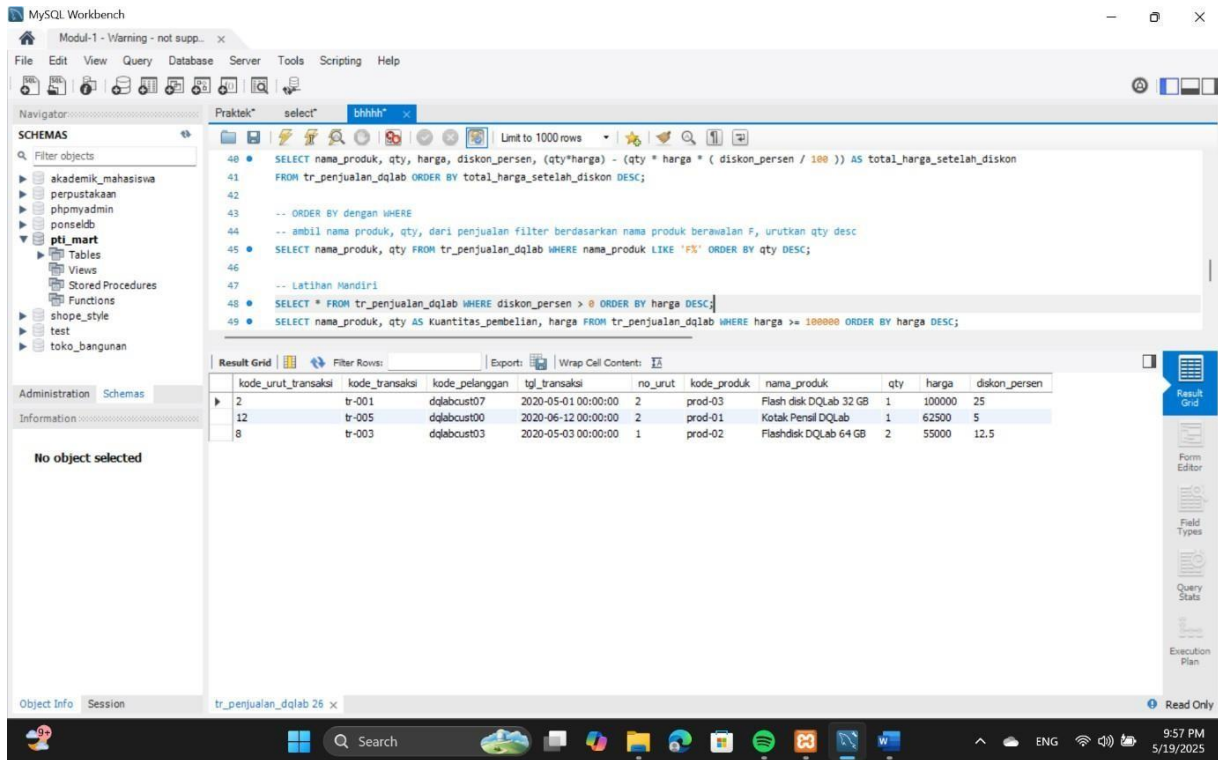
nama_produk	qty
Flashdisk DQLab 32 GB	4
Flashdisk DQLab 32 GB	3
Flashdisk DQLab 64 GB	2
Flashdisk DQLab 32 GB	2
Flash disk DQLab 32 GB	1

Object Info Session tr\_penjualan\_dqlab 25 x Read Only

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## -- Latihan Mandiri

SELECT \* FROM tr\_penjualan\_dqlab WHERE diskon\_persen > 0 ORDER BY harga DESC;



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'pti\_mart' selected. The main editor window contains a SQL query with line numbers 40 through 49. The query is as follows:

```
40 SELECT nama_produk, qty, harga, diskon_persen, (qty*harga) - (qty * harga * (diskon_persen / 100)) AS total_harga_setelah_diskon
41 FROM tr_penjualan_dqlab ORDER BY total_harga_setelah_diskon DESC;
42
43 -- ORDER BY dengan WHERE
44 -- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc
45 SELECT nama_produk, qty FROM tr_penjualan_dqlab WHERE nama_produk LIKE 'F%' ORDER BY qty DESC;
46
47 -- Latihan Mandiri
48 SELECT * FROM tr_penjualan_dqlab WHERE diskon_persen > 0 ORDER BY harga DESC;
49 SELECT nama_produk, qty AS kuantitas_pembelian, harga FROM tr_penjualan_dqlab WHERE harga >= 100000 ORDER BY harga DESC;
```

Below the query editor, the 'Result Grid' is visible, showing the results of the query executed in line 48. The table has 9 columns: kode\_urut\_transaksi, kode\_transaksi, kode\_pelanggan, tgl\_transaksi, no\_urut, kode\_produk, nama\_produk, qty, harga, and diskon\_persen. The results are as follows:

kode_urut_transaksi	kode_transaksi	kode_pelanggan	tgl_transaksi	no_urut	kode_produk	nama_produk	qty	harga	diskon_persen
2	tr-001	dqlabcust07	2020-05-01 00:00:00	2	prod-03	Flash disk DQLab 32 GB	1	100000	25
12	tr-005	dqlabcust00	2020-06-12 00:00:00	2	prod-01	Kotak Pensil DQLab	1	62500	5
8	tr-003	dqlabcust03	2020-05-03 00:00:00	1	prod-02	Flashdisk DQLab 64 GB	2	55000	12.5

SELECT nama\_produk, qty AS Kuantitas\_pembelian, harga FROM tr\_penjualan\_dqlab WHERE harga >= 100000 ORDER BY harga DESC;

MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

- akademik\_mahasiswa
- perpustakaan
- phpmyadmin
- ponseldb
- pti\_mart
  - Tables
  - Views
  - Stored Procedures
  - Functions
- shope\_style
- test
- toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bhhhh

Limit to 1000 rows

```

41 FROM tr_penjualan_dqlab ORDER BY total_harga_setelah_diskon DESC;
42
43 -- ORDER BY dengan WHERE
44 -- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc
45 SELECT nama_produk, qty FROM tr_penjualan_dqlab WHERE nama_produk LIKE 'F%' ORDER BY qty DESC;
46
47 -- Latihan Mandiri
48 SELECT * FROM tr_penjualan_dqlab WHERE diskon_persen > 0 ORDER BY harga DESC;
49 SELECT nama_produk, qty AS Kuantitas_pembelian, harga FROM tr_penjualan_dqlab WHERE harga >= 100000 ORDER BY harga DESC;
50 SELECT nama_produk, qty AS kuantitas_pembelian, harga, diskon_persen

```

Result Grid

nama_produk	Kuantitas_pembelian	harga
Gift Voucher DQlab 250rb	4	250000
Flash disk DQlab 32 GB	1	100000
Gift Voucher DQlab 100rb	2	100000

Object Info Session tr\_penjualan\_dqlab 27 x

Read Only

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SELECT nama\_produk, qty AS kuantitas\_pembelian, harga, diskon\_persen

FROM tr\_penjualan\_dqlab WHERE harga >= 100000 OR nama\_produk LIKE 'T%' ORDER BY diskon\_persen DESC;

MySQL Workbench

Modul-1 - Warning - not supp...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

- akademik\_mahasiswa
- perpustakaan
- phpmyadmin
- ponseldb
- pti\_mart
  - Tables
  - Views
  - Stored Procedures
  - Functions
- shope\_style
- test
- toko\_bangunan

Administration Schemas

Information

No object selected

Praktek\* select\* bhhhh

Limit to 1000 rows

```

43 -- ORDER BY dengan WHERE
44 -- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc
45 SELECT nama_produk, qty FROM tr_penjualan_dqlab WHERE nama_produk LIKE 'F%' ORDER BY qty DESC;
46
47 -- Latihan Mandiri
48 SELECT * FROM tr_penjualan_dqlab WHERE diskon_persen > 0 ORDER BY harga DESC;
49 SELECT nama_produk, qty AS Kuantitas_pembelian, harga FROM tr_penjualan_dqlab WHERE harga >= 100000 ORDER BY harga DESC;
50 SELECT nama_produk, qty AS kuantitas_pembelian, harga, diskon_persen
51 FROM tr_penjualan_dqlab WHERE harga >= 100000 OR nama_produk LIKE 'T%' ORDER BY diskon_persen DESC;
52

```

Result Grid

nama_produk	kuantitas_pembelian	harga	diskon_persen
Flash disk DQlab 32 GB	1	100000	25
Gift Voucher DQlab 100rb	2	100000	0
Tas Travel Organizer DQlab	1	48000	0
Gift Voucher DQlab 250rb	4	250000	0

Object Info Session tr\_penjualan\_dqlab 28 x

Read Only

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