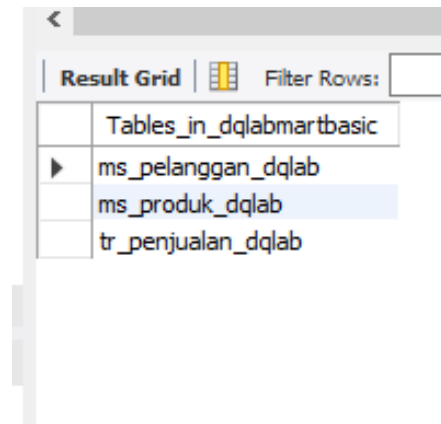


1. -- cek table yang tersedia

show tables;



2. -- cek deskripsi tiap table

desc ms_pelanggan_dqlab;

The screenshot shows the 'Result Grid' tab with the 'ms_pelanggan_dqlab' table selected. The table structure is displayed in a grid with columns: Field, Type, Null, Key, Default, and Extra. The fields listed are kode_pelanggan, no_urut, nama_pelanggan, and alamat.

Field	Type	Null	Key	Default	Extra
kode_pelanggan	text	YES		NULL	
no_urut	int(11)	YES		NULL	
nama_pelanggan	text	YES		NULL	
alamat	text	YES		NULL	

desc ms_produk_dqlab;

The screenshot shows the 'Result Grid' tab with the 'ms_produk_dqlab' table selected. The table structure is displayed in a grid with columns: Field, Type, Null, Key, Default, and Extra. The fields listed are kode_produk, no_urut, kategori_produk, nama_produk, and harga.

Field	Type	Null	Key	Default	Extra
kode_produk	text	YES		NULL	
no_urut	int(11)	YES		NULL	
kategori_produk	text	YES		NULL	
nama_produk	text	YES		NULL	
harga	double	YES		NULL	

desc tr_penjualan_dqlab;

Result Grid Filter Rows: Export: Wrap Ce						
	Field	Type	Null	Key	Default	Extra
▶	kode_urut_transaksi	int(11)	YES		NULL	
	kode_transaksi	text	YES		NULL	
	kode_pelanggan	text	YES		NULL	
	tgl_transaksi	text	YES		NULL	
	no_urut	int(11)	YES		NULL	
	kode_produk	text	YES		NULL	
	nama_produk	text	YES		NULL	
	qty	int(11)	YES		NULL	
	harga	double	YES		NULL	
	diskon_persen	double	YES		NULL	

3. -- select 1 kolom dari table ms_produk_dqlab

select nama_produk from ms_produk_dqlab;

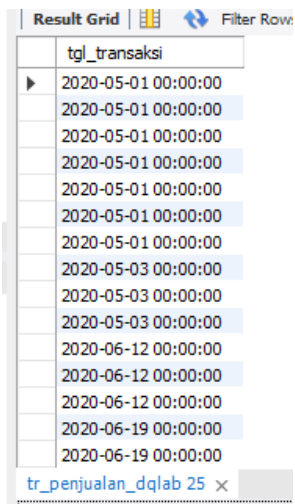
Result Grid Filter Rows:	
	nama_produk
▶	Kotak Pensil DQLab
	Flashdisk DQLab 64 GB
	Gift Voucher DQLab 100rb
	Flashdisk DQLab 32 GB
	Gift Voucher DQLab 250rb
	Pulpen Multifunction + Laser DQLab
	Tas Travel Organizer DigiSkills.id
	Gantungan Kunci DQLab
	Buku Planner Agenda DQLab
	Sticky Notes DQLab 500 sheets
ms_produk_dqlab23 x	

4. -- select 1 kolom dari table ms_pelanggan dan tr_penjualan

select nama_pelanggan from ms_pelanggan_dqlab; -- mengambil kolom nama_pelanggan

Result Grid Filter Rows:	
	nama_pelanggan
▶	Pelanggan Non Member
	Eva Novianti, S.H.
	Heidi Goh
	Unang Handoko
	Jokolono Sukarman
	Tommy Sinaga
	Irwan Setianto
	Agus Cahyono
	Maria Sirait
	Ir. Ita Nugraha
	Djoko Wardoyo, Drs.
ms_pelanggan_dqlab24 x	

select tgl_transaksi from tr_penjualan_dqlab; -- mengambil kolom tanggal_transaksi



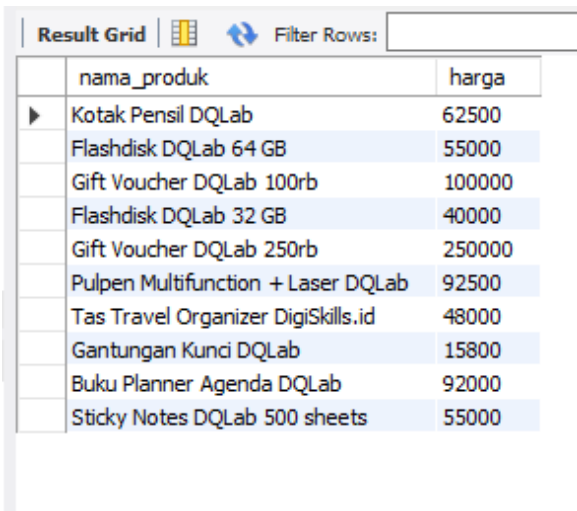
The screenshot shows a 'Result Grid' window with a 'Filter Rows' button. The table has one column named 'tgl_transaksi'. The data consists of 16 rows of timestamps, alternating between May 1st, 3rd, and 19th, 2020, and June 12th and 19th, 2020.

tgl_transaksi
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-01 00:00:00
2020-05-03 00:00:00
2020-05-03 00:00:00
2020-05-03 00:00:00
2020-06-12 00:00:00
2020-06-12 00:00:00
2020-06-12 00:00:00
2020-06-19 00:00:00
2020-06-19 00:00:00

tr_penjualan_dqlab 25 x

5. -- select 2 atau lebih kolom dari table ms_produk

select nama_produk, harga from ms_produk_dqlab;



The screenshot shows a 'Result Grid' window with a 'Filter Rows' button. The table has two columns: 'nama_produk' and 'harga'. The data consists of 12 rows of product names and their corresponding prices.

nama_produk	harga
Kotak Pensil DQLab	62500
Flashdisk DQLab 64 GB	55000
Gift Voucher DQLab 100rb	100000
Flashdisk DQLab 32 GB	40000
Gift Voucher DQLab 250rb	250000
Pulpen Multifunction + Laser DQLab	92500
Tas Travel Organizer DigiSkills.id	48000
Gantungan Kunci DQLab	15800
Buku Planner Agenda DQLab	92000
Sticky Notes DQLab 500 sheets	55000

6. -- mengambil kolom kode_pelanggan, tgl_transaksi dan harga dari table tr_penjualan_dqlab

select kode_pelanggan, tgl_transaksi, harga from tr_penjualan_dqlab;

Result Grid	Filter Rows:	Export
kode_pelanggan	tgl_transaksi	harga
dqlabcust07	2020-05-01 00:00:00	62500
dqlabcust07	2020-05-01 00:00:00	100000
dqlabcust07	2020-05-01 00:00:00	92000
dqlabcust07	2020-05-01 00:00:00	40000
dqlabcust00	2020-05-01 00:00:00	100000
dqlabcust00	2020-05-01 00:00:00	55000
dqlabcust00	2020-05-01 00:00:00	48000
dqlabcust03	2020-05-03 00:00:00	55000
dqlabcust03	2020-05-03 00:00:00	55000
dqlabcust03	2020-05-03 00:00:00	40000
dqlabcust00	2020-06-12 00:00:00	92000
dqlabcust00	2020-06-12 00:00:00	62500
dqlabcust00	2020-06-12 00:00:00	40000
dqlabcust02	2020-06-19 00:00:00	250000
dqlabcust02	2020-06-19 00:00:00	15800

tr_penjualan_dqlab 27 x

7. -- mengambil seluruh kolom dalam table

-- ambil seluruh kolom pada table ms_pelanggan_dqlab

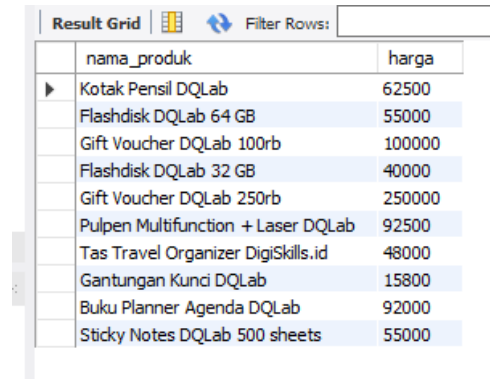
select * from ms_pelanggan_dqlab;

Result Grid	Filter Rows:	Export	Wrap Cell Content:
kode_pelanggan	no_urut	nama_pelanggan	alamat
dqlabcust00	0	Pelanggan Non Member	
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	Irwani 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 Sagitarius, Gang. Sawit No. 3
dqlabcust09	9	Ir. Ita Nugraha	Vila Bukit Sagitarius, Gang Kelapa No. 6
dqlabcust10	10	Djoko Wardoyo, Drs.	Vila Bukit Sagitarius, Blok A1 No. 1

8. -- prefix dan alias

-- prefix dan table

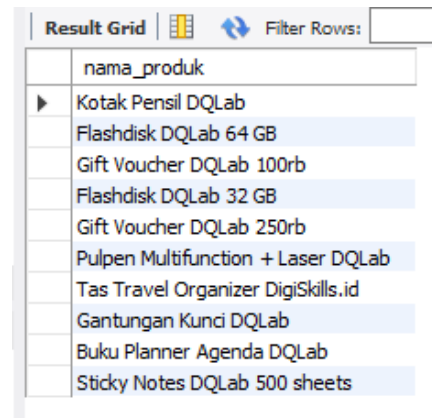
```
select ms_produk_dqlab.nama_produk, ms_produk_dqlab.harga from ms_produk_dqlab;
```



nama_produk	harga
Kotak Pensil DQLab	62500
Flashdisk DQLab 64 GB	55000
Gift Voucher DQLab 100rb	100000
Flashdisk DQLab 32 GB	40000
Gift Voucher DQLab 250rb	250000
Pulpen Multifunction + Laser DQLab	92500
Tas Travel Organizer DigiSkills.id	48000
Gantungan Kunci DQLab	15800
Buku Planner Agenda DQLab	92000
Sticky Notes DQLab 500 sheets	55000

9. -- prefix dari nama database dan nama table

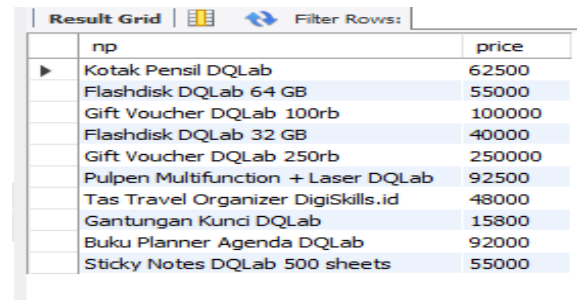
```
select dqlabmartbasic.ms_produk_dqlab.nama_produk from ms_produk_dqlab;
```



nama_produk
Kotak Pensil DQLab
Flashdisk DQLab 64 GB
Gift Voucher DQLab 100rb
Flashdisk DQLab 32 GB
Gift Voucher DQLab 250rb
Pulpen Multifunction + Laser DQLab
Tas Travel Organizer DigiSkills.id
Gantungan Kunci DQLab
Buku Planner Agenda DQLab
Sticky Notes DQLab 500 sheets

10. -- Alias dari nama produk

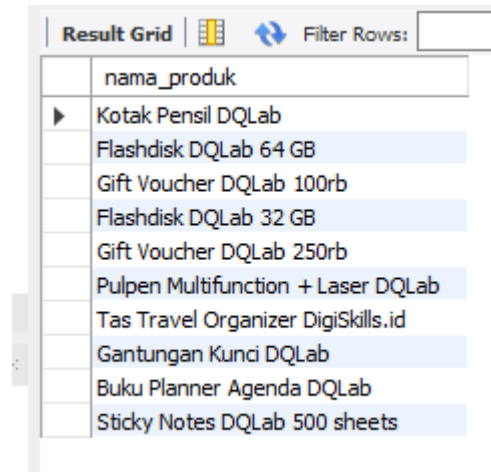
```
select nama_produk as np, harga as price from ms_produk_dqlab;
```



np	price
Kotak Pensil DQLab	62500
Flashdisk DQLab 64 GB	55000
Gift Voucher DQLab 100rb	100000
Flashdisk DQLab 32 GB	40000
Gift Voucher DQLab 250rb	250000
Pulpen Multifunction + Laser DQLab	92500
Tas Travel Organizer DigiSkills.id	48000
Gantungan Kunci DQLab	15800
Buku Planner Agenda DQLab	92000
Sticky Notes DQLab 500 sheets	55000

11. -- Alias dari nama table

```
select nama_produk from ms_produk_dqlab as msp;
```

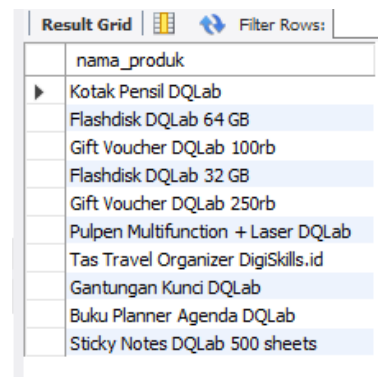


The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has one column, 'nama_produk', and ten rows of product names.

nama_produk
Kotak Pensil DQLab
Flashdisk DQLab 64 GB
Gift Voucher DQLab 100rb
Flashdisk DQLab 32 GB
Gift Voucher DQLab 250rb
Pulpen Multifunction + Laser DQLab
Tas Travel Organizer DigiSkills.id
Gantungan Kunci DQLab
Buku Planner Agenda DQLab
Sticky Notes DQLab 500 sheets

12. -- Alias bertemu dengan prefix (tulis aliasnya dulu baru prefix)

```
select msp.nama_produk from ms_produk_dqlab as msp;
```



The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has one column, 'nama_produk', and ten rows of product names, identical to the first screenshot.

nama_produk
Kotak Pensil DQLab
Flashdisk DQLab 64 GB
Gift Voucher DQLab 100rb
Flashdisk DQLab 32 GB
Gift Voucher DQLab 250rb
Pulpen Multifunction + Laser DQLab
Tas Travel Organizer DigiSkills.id
Gantungan Kunci DQLab
Buku Planner Agenda DQLab
Sticky Notes DQLab 500 sheets

13. -- case 1

```
select nama_pelanggan, alamat from ms_pelanggan_dqlab;
```



The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has two columns, 'nama_pelanggan' and 'alamat', and ten rows of customer data.

nama_pelanggan	alamat
Pelanggan Non Member	
Eva Novianti, S.H.	Vila Sempilan, No. 67 - Kota B
Heidi Goh	Vila Sempilan, No. 11 - Kota B
Unang Handoko	Vila Sempilan, No. 1 - Kota B
Jokolono Sukarman	Vila Permata Intan Berkilau, Blok C5-7
Tommy Sinaga	Vila Permata Intan Berkilau, Blok A1/2
Irwan Setianto	Vila Gunung Seribu, Blok O1 - No. 1 - Kota C
Agus Cahyono	Vila Gunung Seribu, Blok F4 - No. 8
Maria Sirait	Vila Bukit Sagitaris, Gang. Sawit No. 3
Ir. Ita Nugraha	Vila Bukit Sagitaris, Gang Kelapa No. 6
Djoko Wardoyo, Drs.	Vila Bukit Sagitaris, Blok A1 No. 1

14. -- case 2

```
select nama_produk, harga from ms_produk_dqlab;
```

Result Grid			Filter Rows:
	nama_produk	harga	
▶	Kotak Pensil DQLab	62500	
	Flashdisk DQLab 64 GB	55000	
	Gift Voucher DQLab 100rb	100000	
	Flashdisk DQLab 32 GB	40000	
	Gift Voucher DQLab 250rb	250000	
	Pulpen Multifunction + Laser DQLab	92500	
	Tas Travel Organizer DigiSkills.id	48000	
	Gantungan Kunci DQLab	15800	
	Buku Planner Agenda DQLab	92000	
	Sticky Notes DQLab 500 sheets	55000	