

**TUGAS**  
**(Admintrasi Basis Data)**

Dosen Pengampu:  
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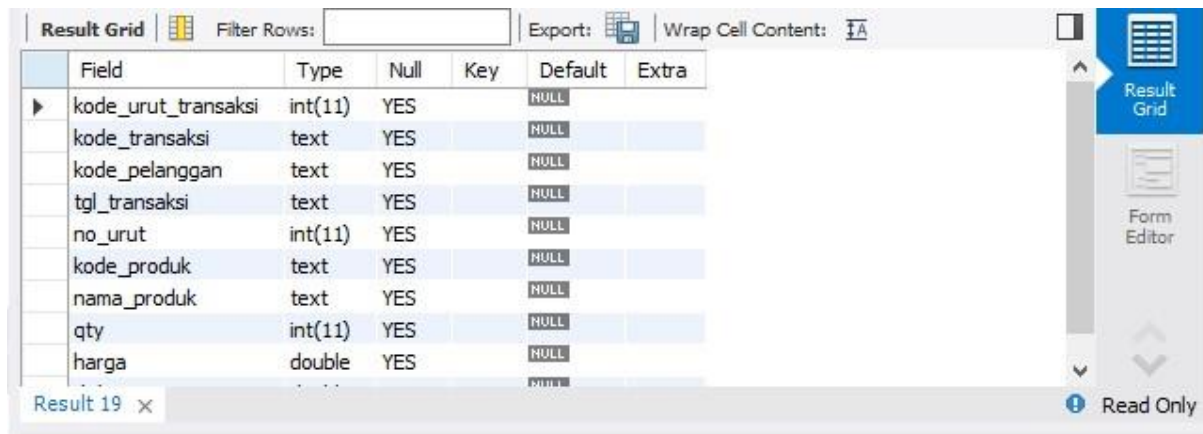


Disusun Oleh:  
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**KELAS A**

**PROGRAM STUDI PENDIDIKAN TEKNOLOGI INFORMASI**  
**FAKULTAS SAINS, TEKNOLOGI DAN TERAPAN**  
**UNIVERSITAS PENDIDIKAN MANDALIKA MATARAM**  
**TAHUN 2025**

-- select statement

-- mengambil satu kolom dalam tabel produk



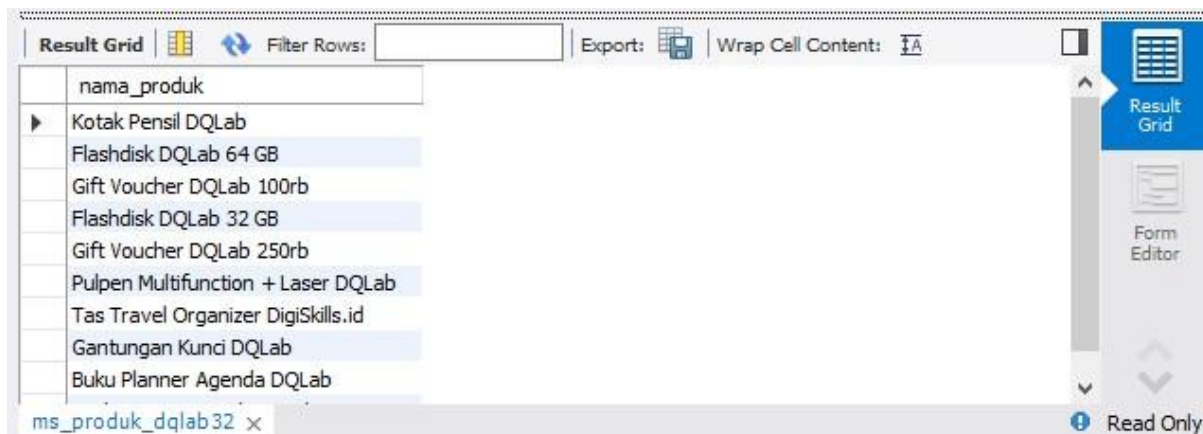
The screenshot shows a 'Result Grid' window with a table structure. The table has columns: Field, Type, Null, Key, Default, and Extra. The rows list the fields and their properties.

| 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    |       |

Result 19 x

Read Only

SELECT nama\_produk FROM ms\_produk\_dqlab;



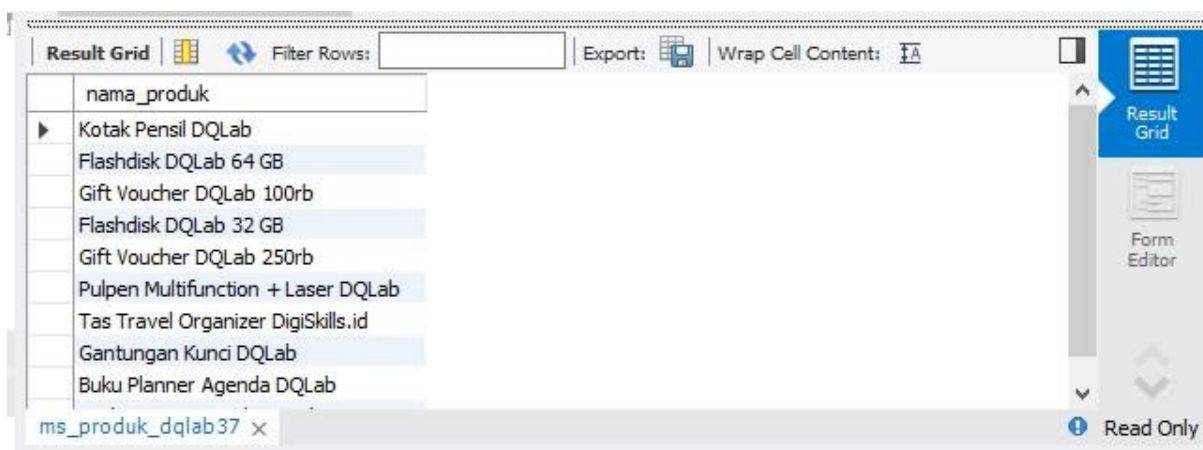
The screenshot shows a 'Result Grid' window displaying the results of a SQL query. The query is 'SELECT nama\_produk FROM ms\_produk\_dqlab;'. The results are listed in a single column named 'nama\_produk'.

| 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          |

ms\_produk\_dqlab32 x

Read Only

-- mengambil lebih dari satu kolom dalam tabel produk



The screenshot shows a 'Result Grid' window displaying the results of a SQL query. The query is 'SELECT nama\_produk, harga FROM ms\_produk\_dqlab;'. The results are listed in two columns: 'nama\_produk' and 'harga'.

| nama_produk                        | harga |
|------------------------------------|-------|
| 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          |       |

ms\_produk\_dqlab37 x

Read Only

SELECT nama\_produk, harga FROM ms\_produk\_dqlab;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

|   | 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  |

ms\_produk\_dqlab38 x

Read Only

-- mengambil semua kolom dalam tabel produk

SELECT \* FROM ms\_produk\_dqlab;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

|   | kode_produk | no_urut | kategori_produk    | nama_produk                        | harga  |
|---|-------------|---------|--------------------|------------------------------------|--------|
| ▶ | prod-01     | 1       | Alat Tulis Kantor  | Kotak Pensil DQLab                 | 62500  |
|   | prod-02     | 2       | Aksesoris Komputer | Flashdisk DQLab 64 GB              | 55000  |
|   | prod-03     | 3       | Gift & Voucher     | Gift Voucher DQLab 100rb           | 100000 |
|   | prod-04     | 4       | Aksesoris Komputer | Flashdisk DQLab 32 GB              | 40000  |
|   | prod-05     | 5       | Gift & Voucher     | Gift Voucher DQLab 250rb           | 250000 |
|   | prod-06     | 6       | Alat Tulis Kantor  | Pulpen Multifunction + Laser DQLab | 92500  |
|   | prod-07     | 7       | Gift & Voucher     | Tas Travel Organizer DigiSkills.id | 48000  |
|   | prod-08     | 8       | Gift & Voucher     | Gantungan Kunci DQLab              | 15800  |
|   | prod-09     | 9       | Alat Tulis Kantor  | Buku Planner Agenda DQLab          | 92000  |

ms\_produk\_dqlab45 x

Read Only

-- select kolom kodew produk & nama produk dari ms produk

SELECT kode\_produk, nama\_produk FROM ms\_produk\_dqlab;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

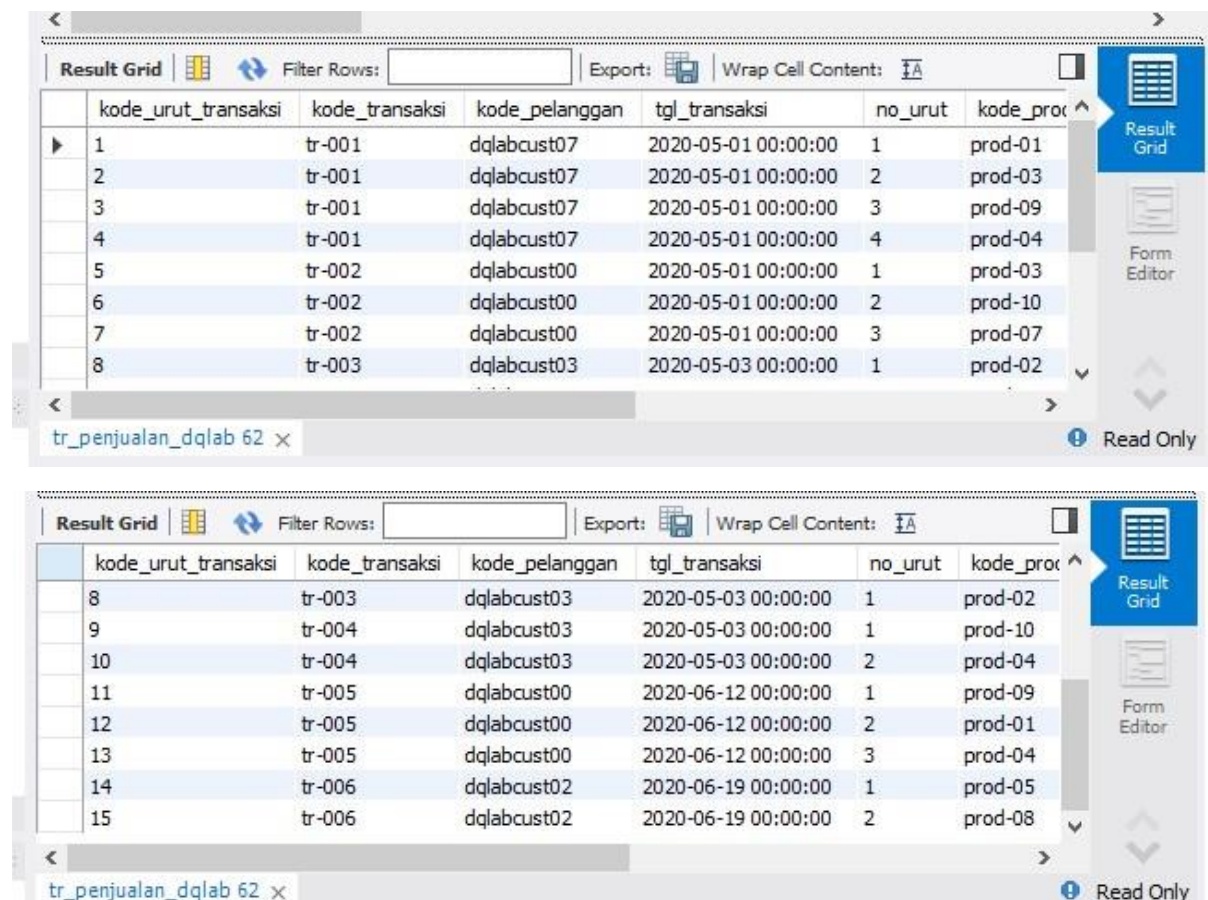
|  | kode_produk | nama_produk                        |
|--|-------------|------------------------------------|
|  | prod-02     | Flashdisk DQLab 64 GB              |
|  | prod-03     | Gift Voucher DQLab 100rb           |
|  | prod-04     | Flashdisk DQLab 32 GB              |
|  | prod-05     | Gift Voucher DQLab 250rb           |
|  | prod-06     | Pulpen Multifunction + Laser DQLab |
|  | prod-07     | Tas Travel Organizer DigiSkills.id |
|  | prod-08     | Gantungan Kunci DQLab              |
|  | prod-09     | Buku Planner Agenda DQLab          |
|  | prod-10     | Sticky Notes DQLab 500 sheets      |

ms\_produk\_dqlab52 x

Read Only

-- select semua kolom dari tr penjualan

SELECT \* FROM tr\_penjualan\_dqlab;



The image shows two screenshots of a database application interface. Both screenshots display a 'Result Grid' with a table of data. The table has columns: kode\_urut\_transaksi, kode\_transaksi, kode\_pelanggan, tgl\_transaksi, no\_urut, and kode\_produk. The first screenshot shows rows 1 through 8, and the second screenshot shows rows 8 through 15. The interface includes a 'Filter Rows' field, an 'Export' button, a 'Wrap Cell Content' checkbox, and a 'Read Only' status indicator.

| kode_urut_transaksi | kode_transaksi | kode_pelanggan | tgl_transaksi       | no_urut | kode_produk |
|---------------------|----------------|----------------|---------------------|---------|-------------|
| 1                   | tr-001         | dqlabcust07    | 2020-05-01 00:00:00 | 1       | prod-01     |
| 2                   | tr-001         | dqlabcust07    | 2020-05-01 00:00:00 | 2       | prod-03     |
| 3                   | tr-001         | dqlabcust07    | 2020-05-01 00:00:00 | 3       | prod-09     |
| 4                   | tr-001         | dqlabcust07    | 2020-05-01 00:00:00 | 4       | prod-04     |
| 5                   | tr-002         | dqlabcust00    | 2020-05-01 00:00:00 | 1       | prod-03     |
| 6                   | tr-002         | dqlabcust00    | 2020-05-01 00:00:00 | 2       | prod-10     |
| 7                   | tr-002         | dqlabcust00    | 2020-05-01 00:00:00 | 3       | prod-07     |
| 8                   | tr-003         | dqlabcust03    | 2020-05-03 00:00:00 | 1       | prod-02     |
| 9                   | tr-004         | dqlabcust03    | 2020-05-03 00:00:00 | 1       | prod-10     |
| 10                  | tr-004         | dqlabcust03    | 2020-05-03 00:00:00 | 2       | prod-04     |
| 11                  | tr-005         | dqlabcust00    | 2020-06-12 00:00:00 | 1       | prod-09     |
| 12                  | tr-005         | dqlabcust00    | 2020-06-12 00:00:00 | 2       | prod-01     |
| 13                  | tr-005         | dqlabcust00    | 2020-06-12 00:00:00 | 3       | prod-04     |
| 14                  | tr-006         | dqlabcust02    | 2020-06-19 00:00:00 | 1       | prod-05     |
| 15                  | tr-006         | dqlabcust02    | 2020-06-19 00:00:00 | 2       | prod-08     |

SELECT ms\_produk\_dqlab.nama\_produk FROM ms\_produk\_dqlab;

-- menggunakan traffic nama database dan tabel pada kolom nama produk dari tabel produk

SELECT pti\_smart.ms\_produk\_dqlab.nama\_produk FROM ms\_produk\_dqlab;

-- alias

-- menggunakan nama alias dengan as

SELECT nama\_produk as np FROM ms\_produk\_dqlab;

SELECT nama\_produk np FROM ms\_produk\_dqlab;

-- menggunakan alias pada tabel produk dan juga kolom

SELECT nama\_produk as np FROM ms\_produk\_dqlab as msp;

-- menggunakan alias untuk traffic



SELECT msp.nama\_produk FROM ms\_produk\_dqlab as msp;

| 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          |

-- Case 1

SELECT nama\_pelanggan as nmp, alamat as alt FROM ms\_pelanggan\_dqlab as msp1g;

| nmp                  | alt  |
|----------------------|--|
| 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 Sagitarius, Gang. Sawit No. 3     |

-- Case 2

SELECT nama\_produk as nmpk, harga as hrg FROM ms\_produk\_dqlab as msp;

| nmpk                               | hrg    |
|------------------------------------|--------|
| 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  |