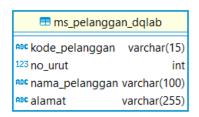
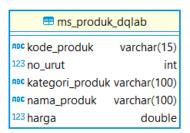
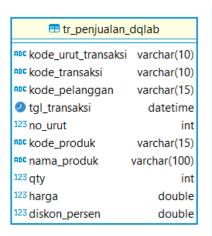
THE DATABASE STRUCTURE.







Question 1.

The sales team is looking for a list of names customer from the database, in the form of the customer's name and address

Query:

select nama_pelanggan, alamat from ms_pelanggan_dqlab mpd;

Qutput :



Question 2.

The Sales and Marketing want to see product name and price of each the product to make sales strategy to consumers based on product price

Query:

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

Qutput:

	nama_produk	123 harga 🏋
1	Kotak Pensil DQLab	62,500
2	Flashdisk DQLab 64 GB	55,000
3	Gift Voucher DQLab 100rb	100,000
4	Flashdisk DQLab 32 GB	40,000
5	Gift Voucher DQLab 250rb	250,000
6	Pulpen Multifunction + Laser DQLab	92,500
7	Tas Travel Organizer DigiSkills.id	48,000
8	Gantungan Kunci DQLab	15,800
9	Buku Planner Agenda DQLab	92,000
10	Sticky Notes DQLab 500 sheets	55,000

Question 3.

The Sales Team received complaints from customers considering the price of Keychains DQLabs with prices above 15000 are quite expensive, therefore please show them alldata from ms product with DQLab 32gb flash drive priced above 15000

Query:

select * from ms produk dqlab

where nama_produk = "Flashdisk DQLab 32 GB" and harga > 15000;

Qutput:



Question 4.

The Marketing Team sees that from the existing database there are 3 products with profit the highest is:

- 1. 84 GB DQLab flash drive
- 2. DigiSkills.id Travel Organizer Bag
- 3. DQLab Keychain

Bring up all the data regarding the three products from our product database

Query:

select * from ms_produk_dqlab mpd

where mpd.nama_produk = "84 GB DQLab flash drive" or mpd.nama_produk = "Tas Travel
Organizer DigiSkills.id" or mpd.nama_produk = "Gantungan Kunci DQLab";

Qutput:

		^{ABC} kode_produk ∜‡	123 no_urut 🔻	7:	Rategori_produk	T:	nama_produk	¹²³ harga	T:
	1	prod-07	7	7 (Gift & Voucher		Tas Travel Organizer D	i <u>c</u> 48,	000
J	2	prod-08	3	8 (Gift & Voucher		Gantungan Kunci DQLa	ıt 15,	800

Question 5.

Marketing wants to see all product lists that have prices below 50000, Show all products that are under the price of 50000

Query:

select * from ms_produk_dqlab mpd

where harga < 50000 order by harga desc;</pre>

Qutput:

	^{ABC} kode_produk	123 no_urut 📆	Rategori_produk	nama_produk 📆	123 harga 📆
1	prod-07	7	Gift & Voucher	Tas Travel Organizer Dig	48,000
2	prod-04	4	Aksesoris Komputer	Flashdisk DQLab 32 GB	40,000
3	prod-08	8	Gift & Voucher	Gantungan Kunci DQLal	15,800

Question 6.

Show the customer code, product name, quantity, price and total price all products that have been transacted, but the output requested is the total minimum price of 200,000 and sorted by total price.

Query:

select kode_pelanggan , nama_produk , qty , harga , qty*harga as total
from tr_penjualan_dqlab where qty*harga >= 200000
order by qty*harga desc;

Qutput:

	RBC kode_pelanggan 📆	nama_produk T‡	123 qty \(\frac{1}{4}\)	123 harga 📆	¹²₃³ total 📆‡
1	dqlabcust02	Gift Voucher DQLab 250rb	4	250,000	1,000,000
2	dqlabcust07	Kotak Pensil DQLab	5	62,500	312,500
3	dqlabcust07	Buku Planner Agenda DQSQuad	3	92,000	276,000
4	dqlabcust00	Buku Planner Agenda DQSQuad	3	92,000	276,000
5	dqlabcust03	Sticky Notes DQLab 500 sheets	5	55,000	275,000
6	dqlabcust00	Sticky Notes DQLab 500 sheets	4	55,000	220,000
7	dqlabcust00	Gift Voucher DQLab 100rb	2	100,000	200,000

Question 7.

Come up with the customer_code, and the quantity of the product purchased, and the amount the price, then try to find the remainder of that quantity when divided by 3 because the marketing party wants to plot 1 marketing for 1 customer with 3 quantities maximum, so that the remaining unmonitored product quantity can be monitored of all products as the rest_quantity column as material for further analysis

Query:

```
select kode_pelanggan, sum(qty), sum(harga) as totalHarga, qty mod 3 as sisaQty
from tr_penjualan_dqlab
group by kode_pelanggan;
```

Qutput:

	^{ABC} kode_pelanggan	123 sum(qty)	T ‡	123 totalHarga	T‡	123 sisaQty	T‡
1	dqlabcust07		12	294,5	00		2
2	dqlabcust00		13	397,5	00		2
3	dqlabcust03		11	150,0	000		2
4	dqlabcust02		6	265,8	00		1

Question 8.

Show the transaction code, transaction date, order number, and product code merged with the product name with the quantity equal to 5 from the existing database

Query:

```
select kode_transaksi, tgl_transaksi, no_urut, kode_produk,
concat(kode_produk, ", ", nama_produk, ",", qty)
from tr_penjualan_dqlab
where qty = 5;
```

Qutput:

		^{ABC} kode_transaksi	② tgl_transaksi	123 no_urut	‡	RBC kode_produk	concat(kode_produk, ", ", nama_produk, ",", qty)
	1	tr-001	2020-05-01 00:00:00	1	1	prod-01	prod-01, Kotak Pensil DQLab,5
J.	2	tr-004	2020-05-03 00:00:00	1	1	prod-10	prod-10, Sticky Notes DQLab 500 sheets,5

Question 9.

Come up with the customer's name, name without a title, and the customer's nickname with the customer code dqlabcust01 because the customer is a customer loyalist who will be given a gift by the customer.

Query:

```
select nama_pelanggan, substring_index(nama_pelanggan, ",", 1) namaTanpaGelar,
substring_index(nama_pelanggan, " ", 1) namaPanggilan
from ms_pelanggan_dqlab where kode_pelanggan = 'dqlabcust01';
```

Qutput:



Question 10.

Come up with the customer's name, and the customer's initial with the customer's initial starting from the second letter and what is taken is the first 3 letters of the second letter

Query:

```
select nama_pelanggan , substr(nama_pelanggan, 2, 3)
from ms_pelanggan_dqlab;
```

Qutput:

	nama_pelanggan 🏗	substr(nama_pelanggan,2,3)	T:
1	Pelanggan Non Member	ela	
2	Eva Novianti, S.H.	va	
3	Heidi Goh	eid	
4	Unang Handoko	nan	
5	Jokolono Sukarman	oko	
6	Tommy Sinaga	omm	
7	Irwan Setianto	rwa	
8	Agus Cahyono	gus	
9	Maria Sirait	ari	
10	Ir. Ita Nugraha	r.	
11	Djoko Wardoyo, Drs.	jok	