Praktikum 2 Sistem Basis Data 2023

NRP / Nama   : **5025221161**
Kelas   : **J**
RDBMS   : **MySQL**
Link SQL   :
https://drive.google.com/drive/folders/15VNv7eX6J7F-oKz85fqtttNJkbgoc_x4?usp=sharing

Kode Asdos   : **SBDJ02**
Sesi   : **Modul Pendahuluan**

Nomor 1

Sintaks:

```sql
CREATE TABLE Customer (
    ID_customer char(6) NOT NULL,
    Nama_customer varchar(100) NULL,
    CONSTRAINT Customer_pk PRIMARY KEY (ID_customer)
);

CREATE TABLE Menu_minuman (
    ID_minuman char(6) NOT NULL,
    Nama_minuman varchar(50) NULL,
    Harga_minuman float(2, 0) NULL,
    CONSTRAINT Menu_minuman_pk PRIMARY KEY (ID_minuman)
);

CREATE TABLE Pegawai (
    NIK char(16) NOT NULL,
    Nama_pegawai varchar(100) NULL,
    Jenis_kelamin char(1) NOT NULL,
    Email varchar(50) NOT NULL,
    Umur int NULL,
    CONSTRAINT Pegawai_pk PRIMARY KEY (NIK)
);

CREATE TABLE Telepon (
    No_telp_pegawai varchar(15) NOT NULL,
    Pegawai_NIK char(16) NOT NULL,
    CONSTRAINT Telepon_pk PRIMARY KEY (No_telp_pegawai),
    CONSTRAINT Telepon_Pegawai FOREIGN KEY (Pegawai_NIK) REFERENCES Pegawai (NIK)
);

CREATE TABLE Transaksi (
    ID_transaksi char(10) NOT NULL,
    Tanggal_transaksi date NULL,
    Metode_pembayaran varchar(15) NULL,
    Customer_ID_customer char(6) NOT NULL,
    Pegawai_NIK char(16) NOT NULL,
    CONSTRAINT Transaksi_pk PRIMARY KEY (ID_transaksi),
    CONSTRAINT Transaksi_Customer FOREIGN KEY (Customer_ID_customer) REFERENCES
  Customer (ID_customer),
    CONSTRAINT Transaksi_Pegawai FOREIGN KEY (Pegawai_NIK) REFERENCES Pegawai (NIK)
);

CREATE TABLE Transaksi_minuman (
    Jumlah_cup int NULL,
    Transaksi_ID_transaksi char(10) NOT NULL,
    Menu_minuman_ID_minuman char(6) NOT NULL,
    CONSTRAINT Transaksi_minuman_pk PRIMARY KEY
  (Transaksi_ID_transaksi, Menu_minuman_ID_minuman),
    CONSTRAINT Transaksi_minuman_Transaksi FOREIGN KEY (Transaksi_ID_transaksi) REFERENCES
  Transaksi (ID_transaksi),
    CONSTRAINT Transaksi_minuman_Menu_minuman FOREIGN KEY (Menu_minuman_ID_minuman)
  REFERENCES Menu_minuman (ID_minuman)
);
```

Hasil:

Filters

Containing the word: [   ]

Table ▲	Action						Rows	Type	Collation	Size	Overhead
☐ customer	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ menu_minuman	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ pegawai	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ telepon	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐ transaksi	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
☐ transaksi_minuman	★	📄 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
6 tables	**Sum**						**0**	**InnoDB**	**utf8mb4_general_ci**	**160.0 KiB**	**0 B**

☐ Check all   With selected: [▼]

Nomor 2

Sintaks:

```
1  CREATE TABLE Membership (
2      ID_membership char(6) NOT NULL,
3      No_telp_membership varchar(15) NOT NULL,
4      Alamat_membership varchar(100) NOT NULL,
5      Tanggal_pembuatan_kartu_membership date NOT NULL,
6      Tanggal_kadaluarsa_kartu_membership date NULL,
7      Total_poin int NOT NULL,
8      Customer_ID_customer char(6) NOT NULL
9  );
10
11 ALTER TABLE
12     Membership
13 ADD
14     CONSTRAINT Membership_pk PRIMARY KEY (ID_membership);
15
16 ALTER TABLE
17     Membership
18 ADD
19     CONSTRAINT Membership_Customer FOREIGN KEY (Customer_ID_customer) REFERENCES
    Customer (ID_customer) ON UPDATE CASCADE ON DELETE RESTRICT;
20
21 ALTER TABLE
22     Membership
23 MODIFY
24     COLUMN Tanggal_pembuatan_kartu_membership DATE DEFAULT CURRENT_TIMESTAMP;
25
26 DELIMITER //
27 CREATE TRIGGER membership_total_poin_check
28 BEFORE INSERT ON Membership
29 FOR EACH ROW
30 BEGIN
31     IF NEW.Total_poin < 0 THEN
32         SIGNAL SQLSTATE '45000'
33         SET MESSAGE_TEXT = 'Total_poin must be greater than or equal to 0';
34     END IF;
35 END;
36 //
37 DELIMITER ;
38
39 ALTER TABLE
40     Membership
41 MODIFY
42     COLUMN Alamat_membership VARCHAR(150);
43
```
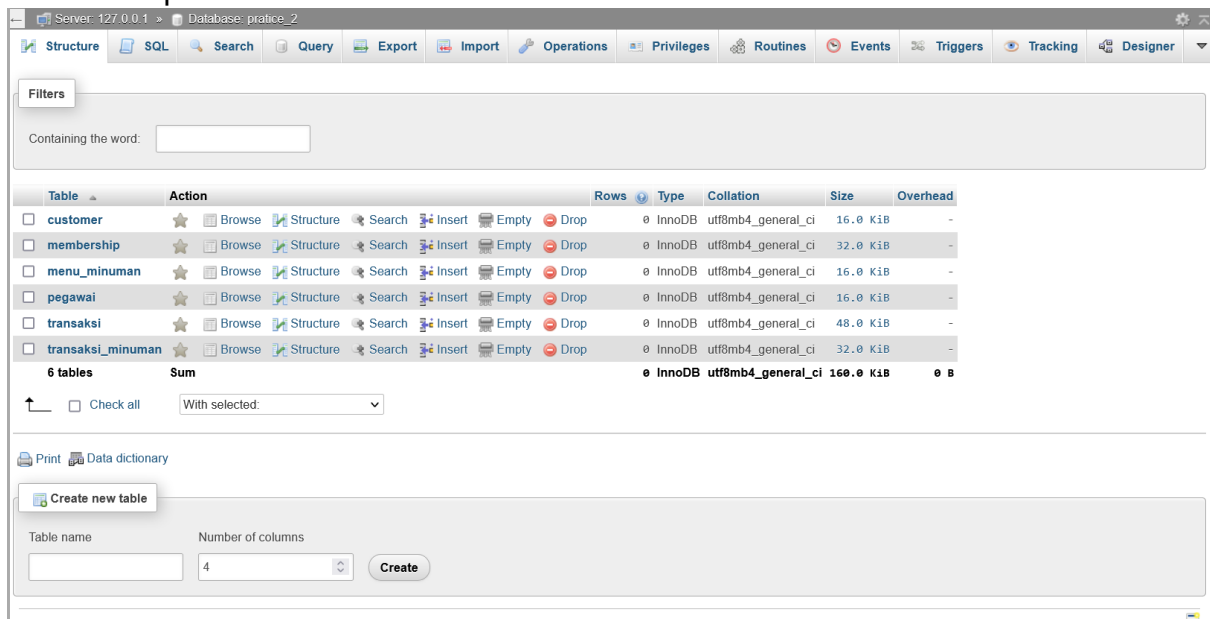
Hasil:

Nomor 3

Sintaks:

```
1  DROP TABLE Telepon;
2
3  ALTER TABLE
4      Pegawai
5  ADD
6      nomor_telepon VARCHAR(15) NULL;
7
8
```

Hasil:

Nomor telepon deleted

	Structure	SQL	Search	Query	Export	Import	Operations	Privileges	Routines	Events	Triggers	Tracking	Designer

Filters

Containing the word:

	Table ▲	Action							Rows	Type	Collation	Size	Overhead
☐	customer	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	membership	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐	menu_minuman	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	pegawai	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	transaksi	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
☐	transaksi_minuman	★	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
	6 tables	**Sum**							**0**	**InnoDB**	**utf8mb4_general_ci**	**160.0 KiB**	**0 B**
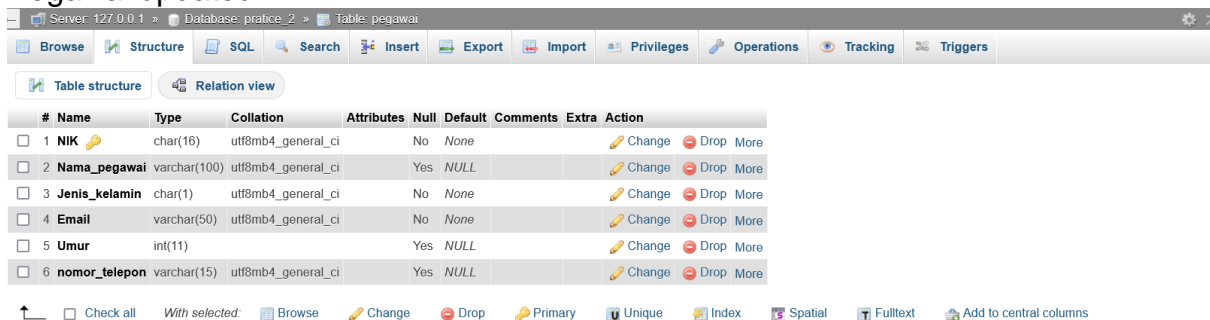
↑ ☐ Check all   With selected: [_____]

🖶 Print 📖 Data dictionary

Create new table

Table name   Number of columns
[_____]   [4 ⇕]   [Create]

Pegawai updated

	Browse	Structure	SQL	Search	Insert	Export	Import	Privileges	Operations	Tracking	Triggers

Table structure   Relation view

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action			
☐	1	**NIK** 🔑	char(16)	utf8mb4_general_ci		No	None			Change	Drop	More
☐	2	**Nama_pegawai**	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More
☐	3	**Jenis_kelamin**	char(1)	utf8mb4_general_ci		No	None			Change	Drop	More
☐	4	**Email**	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop	More
☐	5	**Umur**	int(11)			Yes	NULL			Change	Drop	More
☐	6	**nomor_telepon**	varchar(15)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More

↑ ☐ Check all   With selected: 🔲 Browse 🖉 Change ⊖ Drop 🔑 Primary Ⓤ Unique 📇 Index 🔳 Spatial 🔤 Fulltext 🗐 Add to central columns

Nomor 4

Sintaks:

```sql
INSERT INTO
    Customer (ID_customer, Nama_customer)
VALUES
    ('CTR001', 'Budi Santoso'),
    ('CTR002', 'Sitil Iriana'),
    ('CTR003', 'Davi Liam'),
    ('CTR004', 'Sutris ion An'),
    ('CTR005', 'Hendra Asto');

INSERT INTO
    Membership (
        ID_membership,
        Customer_ID_customer,
        No_telp_membership,
        Alamat_membership,
        Tanggal_pembuatan_kartu_membership,
        Tanggal_kadaluarsa_kartu_membership,
        Total_poin
    )
VALUES
    (
        'MBR001',
        'CTR001',
        '081234567899',
        'Jl. Imam DonjSol',
        '2023-10-24',
        '2023-11-30',
        0
    ),
    (
        'MBR002',
        'CTR002',
        '081234567X',
        'Jl. Kelinci',
        '2023-10-24',
        '2023-11-30',
        5
    ),
    (
        'MBR003',
        'CTR003',
        '081234567890',
        'Jl. Abah Ojak',
        '2023-10-25',
        '2023-12-01',
        2
    ),
    (
        'MBR004',
        'CTR005',
        '089876543211',
        'Jl. Kenangan',
        '2023-10-26',
        '2023-12-07',
        6
    );

INSERT INTO
    Pegawai (
        NIK,
        Nama_pegawai,
        Jenis_kelamin,
        Email,
        Umur,
        nomor_telepon
    )
VALUES
    (
        '1234567890123456',
        'Naufal Raf',
        'Laki Laki',
        'naufal@gmail.com',
        19,
        '62223456789'
    ),
    (
        '2345678901234561',
        'Surinaia',
        'Perempuan',
        'surinaia@gmail.com',
        24,
        '621234567890'
    ),
    (
        '3456789012345612',
        'Hon John',
        'Laki-Laki',
        'honjohn@gmail.com',
        22,
        '621234567X'
    );

INSERT INTO
    Transaksi (
        ID_transaksi,
        Customer_ID_customer,
        Tanggal_transaksi,
        Metode_pembayaran,
        Pegawai_NIK
    )
VALUES
    (
        'TRX0000001',
        'CTR002',
        '2023-10-01',
        'Kartu kredit',
        '2345678901234561'
    ),
    (
        'TRX0000002',
        'CTR004',
        '2023-10-03',
        'Transfer bank',
        '3456789012345612'
    ),
    (
        'TRX0000003',
        'CTR001',
        '2023-10-05',
        'Tunai',
        '3456789012345612'
    ),
    (
        'TRX0000004',
        'CTR003',
        '2023-10-15',
        'Kartu debit',
        '1234567890123456'
    ),
    (
        'TRX0000005',
        'CTR004',
        '2023-10-15',
        'E-wallet',
        '1234567890123456'
    ),
    (
        'TRX0000006',
        'CTR001',
        '2023-10-21',
        'Tunai',
        '2345678901234561'
    );

INSERT INTO
    Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES
    ('MNM001', 'Espresso', 18000),
    ('MNM002', 'Cappuccino', 20000),
    ('MNM003', 'Latte', 21000),
    ('MNM004', 'Americano', 19000),
    ('MNM005', 'Mocha', 22000),
    ('MNM006', 'Macchiato', 23000),
    ('MNM007', 'Cold Brew', 21000),
    ('MNM008', 'Iced Coffee', 18000),
    ('MNM009', 'Affogato', 24000),
    ('MNM010', 'Coffee Frappe', 22000);

INSERT INTO
    Transaksi_minuman (
        Transaksi_ID_transaksi,
        Menu_minuman_ID_minuman,
        Jumlan_cup
    )
VALUES
    ('TRX0000005', 'MNM006', 2),
    ('TRX0000001', 'MNM010', 1),
    ('TRX0000002', 'MNM005', 1),
    ('TRX0000003', 'MNM009', 1),
    ('TRX0000003', 'MNM011', 3),
    ('TRX0000006', 'MNM001', 2),
    ('TRX0000004', 'MNM004', 2),
    ('TRX0000004', 'MNM010', 1),
    ('TRX0000002', 'MNM005', 1),
    ('TRX0000001', 'MNM007', 1),
    ('TRX0000005', 'MNM001', 1);
```

Hasil:

Customer

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

`SELECT * FROM \`customer\``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				ID_customer	Nama_customer
☐	Edit	Copy	Delete	CTR001	Budi Santoso
☐	Edit	Copy	Delete	CTR002	Sisil Triana
☐	Edit	Copy	Delete	CTR003	Davi Liam
☐	Edit	Copy	Delete	CTR004	Sutris Ten An
☐	Edit	Copy	Delete	CTR005	Hendra Asto

Check all   With selected: Edit   Copy   Delete   Export

Membership

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

`SELECT * FROM \`membership\``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				ID_membership	No_telp_membership	Alamat_membership	Tanggal_pembuatan_kartu_membership	Tanggal_kadaluarsa_kartu_membership	Total_poin	Cu
☐	Edit	Copy	Delete	MBR001	08123456789	Jl. Imam Bonjol	2023-10-24	2023-11-30	0	CTI
☐	Edit	Copy	Delete	MBR002	0812345678	Jl. Kelinci	2023-10-24	2023-11-30	3	CTI
☐	Edit	Copy	Delete	MBR003	081234567890	Jl. Abah Ojak	2023-10-25	2023-12-01	2	CTI
☐	Edit	Copy	Delete	MBR004	08987654321	Jl. Kenangan	2023-10-26	2023-12-02	6	CTI

Check all   With selected: Edit   Copy   Delete   Export

Pegawai

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

`SELECT * FROM \`pegawai\``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				NIK	Nama_pegawai	Jenis_kelamin	Email	Umur	nomor_telepon
☐	Edit	Copy	Delete	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
☐	Edit	Copy	Delete	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
☐	Edit	Copy	Delete	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678

Check all   With selected: Edit   Copy   Delete   Export

Transaksi

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 5 (6 total, Query took 0.0003 seconds.)

SELECT * FROM `transaksi`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			ID_transaksi	Tanggal_transaksi	Metode_pembayaran	Customer_ID_customer	Pegawai_NIK
Edit	Copy	Delete	TRX0000001	2023-10-01	Kartu kredit	CTR002	2345678901234561
Edit	Copy	Delete	TRX0000002	2023-10-03	Transfer bank	CTR004	3456789012345612
Edit	Copy	Delete	TRX0000003	2023-10-05	Tunai	CTR001	3456789012345612
Edit	Copy	Delete	TRX0000004	2023-10-15	Kartu debit	CTR003	1234567890123456
Edit	Copy	Delete	TRX0000005	2023-10-15	E-wallet	CTR004	1234567890123456
Edit	Copy	Delete	TRX0000006	2023-10-21	Tunai	CTR001	2345678901234561

Check all | With selected: Edit | Copy | Delete | Export

Menu Minuman

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

SELECT * FROM `menu_minuman`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			ID_minuman	Nama_minuman	Harga_minuman
Edit	Copy	Delete	MNM001	Espresso	99
Edit	Copy	Delete	MNM002	Cappuccino	99
Edit	Copy	Delete	MNM003	Latte	99
Edit	Copy	Delete	MNM004	Americano	99
Edit	Copy	Delete	MNM005	Mocha	99
Edit	Copy	Delete	MNM006	Macchiato	99
Edit	Copy	Delete	MNM007	Cold Brew	99
Edit	Copy	Delete	MNM008	Iced Coffee	99
Edit	Copy	Delete	MNM009	Affogato	99
Edit	Copy	Delete	MNM010	Coffee Frappe	99

Check all | With selected: Edit | Copy | Delete | Export

Transaksi Minuman

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✔ Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

```
SELECT * FROM `transaksi_minuman`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: [Search this table] Sort by key: None

Extra options

				Jumlah_cup	Transaksi_ID_transaksi	Menu_minuman_ID_minuman
☐	Edit	Copy	Delete	1	TRX0000001	MNM007
☐	Edit	Copy	Delete	1	TRX0000001	MNM010
☐	Edit	Copy	Delete	2	TRX0000002	MNM003
☐	Edit	Copy	Delete	1	TRX0000002	MNM005
☐	Edit	Copy	Delete	3	TRX0000003	MNM001
☐	Edit	Copy	Delete	2	TRX0000004	MNM004
☐	Edit	Copy	Delete	1	TRX0000004	MNM010
☐	Edit	Copy	Delete	1	TRX0000005	MNM001
☐	Edit	Copy	Delete	2	TRX0000005	MNM006
☐	Edit	Copy	Delete	1	TRX0000005	MNM009
☐	Edit	Copy	Delete	2	TRX0000006	MNM003

↑ ☐ Check all | With selected: Edit | Copy | Delete | Export

Nomor 5

Sintaks:

```
1   INSERT INTO
2       Transaksi (
3           ID_transaksi,
4           Tanggal_transaksi,
5           Metode_pembayaran,
6           Customer_ID_customer,
7           Pegawai_NIK
8       )
9   VALUES
10      (
11          'TRX0000007',
12          '2023-10-03',
13          'Transfer bank',
14          'CTR004',
15          '2345678901234561'
16      );
17
18  INSERT INTO
19      Transaksi_minuman (
20          Transaksi_ID_transaksi,
21          Menu_minuman_ID_minuman,
22          Jumlah_cup
23      )
24  VALUES
25      ('TRX0000007', 'MNM005', 1);
26
```

Hasil:

Transaksi updated

Transaksi Minuman updated

Server: 127.0.0.1 » Database: pratice_2 » Table: transaksi_minuman

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✓ Showing rows 0 - 11 (12 total, Query took 0.0003 seconds.)

```
SELECT * FROM `transaksi_minuman`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				Jumlah_cup	Transaksi_ID_transaksi	Menu_minuman_ID_minuman
☐	Edit	Copy	Delete	1	TRX0000001	MNM007
☐	Edit	Copy	Delete	1	TRX0000001	MNM010
☐	Edit	Copy	Delete	2	TRX0000002	MNM003
☐	Edit	Copy	Delete	1	TRX0000002	MNM005
☐	Edit	Copy	Delete	3	TRX0000003	MNM001
☐	Edit	Copy	Delete	2	TRX0000004	MNM004
☐	Edit	Copy	Delete	1	TRX0000004	MNM010
☐	Edit	Copy	Delete	1	TRX0000005	MNM001
☐	Edit	Copy	Delete	2	TRX0000005	MNM006
☐	Edit	Copy	Delete	1	TRX0000005	MNM009
☐	Edit	Copy	Delete	2	TRX0000006	MNM003
☐	Edit	Copy	Delete	1	TRX0000007	MNM005

☐ Check all | With selected: Edit | Copy | Delete | Export

■ Console

Nomor 6

Sintaks:

```
1  INSERT INTO
2      Pegawai (NIK, Nama_pegawai, Umur)
3  VALUES
4      ('1111222233334444', 'Maimunah', 25);
```

Hasil:

Pegawai updated

Server: 127.0.0.1 » Database: pratice_2 » Table: pegawai

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✓ Showing rows 0 - 3 (4 total, Query took 0.0001 seconds.)

```
SELECT * FROM `pegawai`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				NIK	Nama_pegawai	Jenis_kelamin	Email	Umur	nomor_telepon
☐	Edit	Copy	Delete	1111222233334444	Maimunah			25	NULL
☐	Edit	Copy	Delete	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
☐	Edit	Copy	Delete	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
☐	Edit	Copy	Delete	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678

☐ Check all | With selected: Edit | Copy | Delete | Export

Nomor 7

Sintaks:

```
1  UPDATE
2      Customer
3  SET
4      ID_customer = 'CTR004'
5  WHERE
6      ID_customer = 'CTRo04';
```

Hasil:

Customer updated

Server: 127.0.0.1 » Database: pratice_2 » Table: customer

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SELECT * FROM `customer`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			ID_customer	Nama_customer
☐	Edit	Copy	Delete	CTR001	Budi Santoso
☐	Edit	Copy	Delete	CTR002	Sisil Triana
☐	Edit	Copy	Delete	CTR003	Davi Liam
☐	Edit	Copy	Delete	CTR004	Sutris Ten An
☐	Edit	Copy	Delete	CTR005	Hendra Asto

↑ ☐ Check all   With selected: Edit   Copy   Delete   Export

Nomor 8

Sintaks:

```
1  UPDATE
2      Pegawai
3  SET
4      Jenis_kelamin = 'P',
5      nomor_telepon = '621234567',
6      Email = 'maimunah@gmail.com'
7  WHERE
8      Nama_pegawai = 'Maimunah';
```

Hasil:

Pegawai updated

				NIK	Nama_pegawai	Jenis_kelamin	Email	Umur	nomor_telepon
☐	Edit	Copy	Delete	1111222233334444	Maimunah	P	maimunah@gmail.com	25	621234567
☐	Edit	Copy	Delete	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
☐	Edit	Copy	Delete	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
☐	Edit	Copy	Delete	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678

☐ Check all | With selected: Edit | Copy | Delete | Export

Nomor 9

Sintaks:

```
1  UPDATE
2      Membership
3  SET
4      Total_poin = 0
5  WHERE
6      Tanggal_kadaluarsa_kartu_membership < '2023-12-01';
```

Hasil:

Membership updated

				ID_membership	No_telp_membership	Alamat_membership	Tanggal_pembuatan_kartu_membership	Tanggal_kadaluarsa_kartu_membership	Total_poin	Cu
☐	Edit	Copy	Delete	MBR001	08123456789	Jl. Imam Bonjol	2023-10-24	2023-11-30	0	CTI
☐	Edit	Copy	Delete	MBR002	0812345678	Jl. Kelinci	2023-10-24	2023-11-30	0	CTI
☐	Edit	Copy	Delete	MBR003	081234567890	Jl. Abah Ojak	2023-10-25	2023-12-01	2	CTI
☐	Edit	Copy	Delete	MBR004	08987654321	Jl. Kenangan	2023-10-26	2023-12-02	6	CTI

☐ Check all | With selected: Edit | Copy | Delete | Export

Nomor 10

Sintaks:

```
1  DELETE FROM
2      Membership;
```

Hasil:

Membership data deleted

Nomor 11

Sintaks:

```
1  DELETE FROM
2     Pegawai
3  WHERE
4     Nama_pegawai = 'Maimunah';
```

Hasil:

Maimunah Deleted