

Praktikum 2 Sistem Basis Data 2024

NRP / Nama : 5025241146 / Yoseph Kevin Hendrata

Kelas : SBD - A

RDBMS : MySQL

Link SQL : LOG SQL DILIHAT DI BAGIAN BAWAH SETELAH DOKUMENTASI

Kode Asdos : SBD-A01 – Ahmad Fatih Ramadhani

Sesi : Praktikum Sesi 1, 11 November 2024

1. Pembuatan Database, Tabel

```
1  -- no 1
2
3  CREATE DATABASE Klinik_Hewan_Animacare;
4
5  USE Klinik_Hewan_Animacare;
6
7  CREATE TABLE pemilik_hewan (
8      ph_id CHAR(5) NOT NULL PRIMARY KEY,
9      ph_nama VARCHAR(100) NOT NULL,
10     ph_telepon VARCHAR(15) NOT NULL
11 );
12
13 CREATE TABLE hewan (
14     h_id CHAR(5) NOT NULL PRIMARY KEY,
15     h_nama VARCHAR(100) NOT NULL,
16     h_usia INT NOT NULL,
17     pemilik_hewan_ph_id CHAR(5) NOT NULL,
18     CONSTRAINT fk_ph_h FOREIGN KEY (pemilik_hewan_ph_id) REFERENCES pemilik_hewan(ph_id) ON UPDATE CASCADE ON DELETE CASCADE
19 );
20
21 CREATE TABLE dokter (
22     d_id CHAR(5) NOT NULL PRIMARY KEY,
23     d_nama VARCHAR(100) NOT NULL,
24     d_spesialis VARCHAR(100) NOT NULL,
25     d_telepon VARCHAR(15) NOT NULL,
26     d_email VARCHAR(100) NOT NULL
27 );
28
29 CREATE TABLE perawatan (
30     p_id CHAR(5) NOT NULL PRIMARY KEY,
31     p_deskripsi TEXT NOT NULL,
32     p_waktu_masuk DATETIME NOT NULL,
33     p_waktu_keluar DATETIME NOT NULL,
34     dokter_d_id CHAR(5) NOT NULL,
35     hewan_h_id CHAR(5) NOT NULL,
36     CONSTRAINT fk_d_p FOREIGN KEY (dokter_d_id) REFERENCES dokter(d_id) ON UPDATE CASCADE ON DELETE CASCADE,
37     CONSTRAINT fk_h_p FOREIGN KEY (hewan_h_id) REFERENCES hewan(h_id) ON UPDATE CASCADE ON DELETE CASCADE
38 );
39
40 CREATE TABLE supplier (
41     s_id CHAR(5) NOT NULL PRIMARY KEY,
42     s_nama VARCHAR(100) NOT NULL,
43     s_alamat VARCHAR(100) NOT NULL,
44     s_telepon VARCHAR(15) NOT NULL,
45     s_email VARCHAR(100) NOT NULL
46 );
47
48 CREATE TABLE obat (
49     o_id CHAR(5) NOT NULL PRIMARY KEY,
50     o_nama VARCHAR(100) NOT NULL,
51     o_jenis VARCHAR(100) NOT NULL,
52     o_harga FLOAT(2) NOT NULL,
53     supplier_s_id CHAR(5) NOT NULL,
54     CONSTRAINT fk_s_o FOREIGN KEY (supplier_s_id) REFERENCES supplier(s_id) ON UPDATE CASCADE ON DELETE CASCADE
55 );
56
57 CREATE TABLE perawatan_obat (
58     perawatan_p_id CHAR(5) NOT NULL,
59     obat_o_id CHAR(5) NOT NULL,
60     PRIMARY KEY (perawatan_p_id, obat_o_id),
61     CONSTRAINT fk_p_o FOREIGN KEY (perawatan_p_id) REFERENCES perawatan(p_id) ON UPDATE CASCADE ON DELETE CASCADE,
62     CONSTRAINT fk_o_o FOREIGN KEY (obat_o_id) REFERENCES obat(o_id) ON UPDATE CASCADE ON DELETE CASCADE
63 );
64
```

flapzzz Database: klinik_hewan_animacare 5025241146_Yoseph Kevin H_Praktikum 2.sql*								
Name ^	Rows	Size	Created	Updated	Engine	Comment	Type	
dokter	0	16.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
hewan	0	32.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
obat	0	32.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
pemilik_hewan	0	16.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
perawatan	0	48.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
perawatan_obat	0	32.0 KiB	2024-11-11 19:31:...		InnoDB		Table	
supplier	0	16.0 KiB	2024-11-11 19:31:...		InnoDB		Table	

2. Tabel Membership

```
CREATE TABLE membership (
  m_id CHAR(5) NOT NULL PRIMARY KEY,
  m_alamat VARCHAR(255) NOT NULL,
  m_email VARCHAR(100) NOT NULL,
  pemilik_hewan_ph_id CHAR(5) NOT NULL,
  CONSTRAINT fk_ph_m FOREIGN KEY (pemilik_hewan_ph_id) REFERENCES pemilik_hewan(ph_id) ON UPDATE CASCADE ON DELETE CASCADE
);
```

flapzzz

Database: klinik_hewan_animacare

Table: membership

Data

5025241146_Yoseph Kevin H_Praktikum 2.sql*

Basic

Options

Indexes (2)

Foreign keys (1)

Check constraints (0)

Partitions

CREATE code

ALTER code

Name:

membership

Comment:



Columns:

+ Add

✖ Remove

▲ Up

▼ Down

#	Name	Datatype	Length/Set	Unsigned	Allow NU...	Zerofill	Default	Comment	Collation	Express
	1 m_id	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
	2 m_alamat	VARCHAR	255	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
	3 m_email	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
	4 pemilik_hewan...	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	

3. Tabel Jenis Hewan

```
CREATE TABLE jenis_hewan (
  jh_id CHAR(5) NOT NULL PRIMARY KEY,
  jh_nama VARCHAR(100) NOT NULL
);

ALTER TABLE hewan
ADD COLUMN jenis_hewan_jh_id CHAR(5) NOT NULL,
ADD CONSTRAINT fk_jh_h FOREIGN KEY (jenis_hewan_jh_id) REFERENCES jenis_hewan(jh_id) ON UPDATE CASCADE ON DELETE CASCADE;
```

flapzzz Database: klinik_hewan_animacare Table: jenis_hewan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

Basic

Options

Indexes (1)

Foreign keys (0)

Check constraints (0)

Partitions

CREATE code

ALTER code

Name:

jenis_hewan

Comment:

Columns:

Add

Remove

Up

Down

#	Name	Datatype	Length/Set	Unsigned	Allow NU...	Zerofill	Default	Comment	Collation	Expression
1	jh_id	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
2	jh_nama	VARCHAR	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	

flapzzz Database: klinik_hewan_animacare Table: hewan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

Basic Options Indexes (3) Foreign keys (2) Check constraints (0) Partitions </> CREATE code </> ALTER code

Name: hewan

Comment:

Columns: + Add - Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsigned	Allow NU...	Zerofill	Default	Comment	Collation	Express
1	h_id	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
2	h_nama	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
3	h_usia	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default			
4	pemilik_hewan...	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
5	jenis_hewan_jh...	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	

4. Delete Tabel Jenis Hewan

```
ALTER TABLE hewan
DROP CONSTRAINT fk_jh_h,
DROP COLUMN jenis_hewan_jh_id,
ADD COLUMN h_jenis VARCHAR(100) NOT NULL;

DROP TABLE jenis_hewan;
```

flapzzz Database: klinik_hewan_animacare Table: hewan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

Basic Options Indexes (2) Foreign keys (1) Check constraints (0) Partitions </> CREATE code </> ALTER code

Name: hewan

Comment:

Columns: + Add - Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsigned	Allow NU...	Zerofill	Default	Comment	Collation	Expri
1	h_id	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
2	h_nama	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
3	h_usia	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default			
4	pemilik_hewan...	CHAR	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	
5	h_jenis	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		utf8mb4_general_ci	

5. Isi Tabel

```

INSERT INTO dokter (d_id, d_nama, d_spesialis, d_telepon, d_email) VALUES
('D0001', 'drh. Rina Santoso', 'Bedah Hewan', '081234567890', 'rina.santoso@gmail.com'),
('D0002', 'drh. Budi Wijaya', 'Dermatologi Hewan', '081234567891', 'budi.wijaya@gmail.com'),
('D0003', 'drh. Siti Maharani', 'Gigi dan Mulut', '081234567892', 'siti.maharani@gmail.com'),
('D0004', 'drh. Arief Pratama', 'Kesehatan Umum Hewan', '081234567893', 'arief.pratama@gmail.com'),
('D0005', 'drh. Maria Widjaja', 'Kardiologi Hewan', '081234567894', 'maria.widjaja@gmail.com');

INSERT INTO pemilik_hewan (ph_id, ph_nama, ph_telepon) VALUES
('PH001', 'Andi Pratama', '081298765432'),
('PH002', 'Siti Nurhaliza', '081312345678'),
('PH003', 'Budi Santoso', '081387654321'),
('PH004', 'Aladdin', '081234567899');

INSERT INTO membership (m_id, m_alamat, m_email, pemilik_hewan_ph_id) VALUES
('M0001', 'Jl. Mawar No.10', 'andi.pratama@gmail.com', 'PH001'),
('M0002', 'Jl. Melati No.25', 'budi.santoso@gmail.com', 'PH003'),
('M0003', 'Jl. Agrabah No.7', 'aladdin@gmail.com', 'PH004');

INSERT INTO hewan (h_id, h_nama, h_jenis, h_usia, pemilik_hewan_ph_id) VALUES
('H0001', 'Mimi', 'Kucing', 2, 'PH001'),
('H0002', 'Snowy', 'Kelinci', 3, 'PH002'),
('H0003', 'Rocky', 'Anjing', 1, 'PH003'),
('H0004', 'Coco', 'Kucing', 3, 'PH001'),
('H0005', 'Simba', 'Hamster', 1, 'PH004');

INSERT INTO supplier (s_id, s_nama, s_alamat, s_telepon, s_email) VALUES
('S0001', 'PT Kimia Farma', 'Jl. Raya No.1, Jakarta', '0211234567', 'info@kimiafarma.co.id'),
('S0002', 'PT Kalbe Medica', 'Jl. Sudirman No.2, Jakarta', '0212345678', 'contact@kalbemedica.co.id'),
('S0003', 'PT Phapros', 'Jl. Merdeka No.3, Surabaya', '0313456789', 'support@phapros.co.id'),
('S0004', 'PT Dexa Medica', 'Jl. Diponegoro No.4, Bandung', '0224567890', 'service@dexamedica.co.id'),
('S0005', 'PT Bio Farma', 'Jl. Gatot Subroto No.5, Semarang', '0245678901', 'cs@biofarma.co.id');

INSERT INTO obat (o_id, o_nama, o_jenis, o_harga, supplier_s_id) VALUES
('O0001', 'Bronchodilator', 'Obat pernapasan', 50000, 'S0001'),
('O0002', 'Betadine', 'Obat luka', 40000, 'S0002'),
('O0003', 'Terramycin', 'Obat mata', 19000, 'S0003'),
('O0004', 'Antacida', 'Obat asam lambung', 60000, 'S0004'),
('O0005', 'Paracetamol', 'Obat demam', 25000, 'S0005'),
('O0006', 'Anti-kutu', 'Pembasmi kutu', 75000, 'S0001'),
('O0007', 'Drontal', 'Obat cacing', 16000, 'S0002'),
('O0008', 'Antiseptik gigi', 'Pereda nyeri', 45000, 'S0003'),
('O0009', 'Multivitamin', 'Suplemen', 30000, 'S0004');

INSERT INTO perawatan (p_id, p_deskripsi, p_waktu_masuk, p_waktu_keluar, dokter_d_id, hewan_h_id) VALUES
('P0001', 'Hewan mengalami kesulitan bernapas saat tidur. Kami akan melakukan pemeriksaan dan memberikan obat untuk membantu pernapasan.', '2024-10-01 09:30:00', '2024-10-01 10:15:00', 'D0001', 'H0001'),
('P0002', 'Hewan mengalami demam tinggi dan lesu. Untuk menanganinya, kami akan memberikan vaksin dan suplemen untuk meningkatkan daya tahan tubuh.', '2024-10-01 14:00:00', '2024-10-01 15:30:00', 'D0002', 'H0002'),
('P0003', 'Hewan mengalami masalah gigi yang menyebabkan nyeri. Kami akan membersihkan gigi dan memberikan perawatan untuk mencegah infeksi.', '2024-10-02 08:45:00', '2024-10-02 09:30:00', 'D0003', 'H0003'),
('P0004', 'Hewan terkena kutu dan mengalami iritasi kulit. Untuk mengatasinya, kami akan memberikan obat anti-kutu dan perawatan untuk kulitnya.', '2024-10-02 11:30:00', '2024-10-02 12:15:00', 'D0004', 'H0004'),
('P0005', 'Hewan mengalami masalah pencernaan yang serius. Kami perlu melakukan operasi kecil untuk memperbaiki masalah tersebut.', '2024-10-03 16:00:00', '2024-10-03 17:30:00', 'D0005', 'H0005');

INSERT INTO perawatan_obat (perawatan_p_id, obat_o_id) VALUES
('P0001', 'O0001'),
('P0001', 'O0005'),
('P0002', 'O0009'),
('P0002', 'O0005'),
('P0003', 'O0008'),
('P0004', 'O0006'),
('P0005', 'O0004');

```

flapzzz	Database: klinik_hewan_animacare	Table: hewan	Data	5025241146_Yoseph Kevin H_Praktikum 2.sql				
Name ^	Rows	Size	Created	Updated	Engine	Comment	Type	
dokter	5	16,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	
hewan	5	48,0 KiB	2024-11-11 19:34:...	2024-11-11 19:35:...	InnoDB		Table	
membership	3	32,0 KiB	2024-11-11 19:32:...	2024-11-11 19:35:...	InnoDB		Table	
obat	9	32,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	
pemilik_hewan	4	16,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	
perawatan	5	48,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	
perawatan_obat	7	32,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	
supplier	5	16,0 KiB	2024-11-11 19:31:...	2024-11-11 19:35:...	InnoDB		Table	

6. Update Perawatan Waktu Sekarang

```
UPDATE perawatan
SET p_waktu_keluar = CURRENT_TIMESTAMP;
```

flapzzz Database: klinik_hewan_animacare Table: perawatan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

klinik_hewan_animacare.perawatan: 5 rows total (exact) >> Next Show all Sorting

#	p_id	p_deskripsi	p_waktu_masuk	p_waktu_keluar	dokter_d_id	hewan_h_id
1	P0001	Hewan mengalami kesulitan ...	2024-10-01 09:30:00	2024-11-11 19:36:30	D0005	H0001
2	P0002	Hewan mengalami demam ti...	2024-10-01 14:00:00	2024-11-11 19:36:30	D0004	H0002
3	P0003	Hewan mengalami masalah ...	2024-10-02 08:45:00	2024-11-11 19:36:30	D0003	H0003
4	P0004	Hewan terkena kutu dan me...	2024-10-02 11:30:00	2024-11-11 19:36:30	D0002	H0004
5	P0005	Hewan mengalami masalah ...	2024-10-03 16:00:00	2024-11-11 19:36:30	D0001	H0005

7. Update Data S0001

```
UPDATE supplier
SET
s_nama = 'PT Kalbe Farma',
s_alamat = 'Jl. Soeharto No.10, Jakarta',
s_telepon = '0219988123',
s_email = 'contact@kalbefarma.co.id'
WHERE s_id = 'S0001';
```

flapzzz Database: klinik_hewan_animacare Table: supplier Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

klinik_hewan_animacare.supplier: 5 rows total (exact) >> Next Show all

#	s_id	s_nama	s_alamat	s_telepon	s_email
1	S0001	PT Kalbe Farma	Jl. Soeharto No.10, Jakarta	0219988123	contact@kalbefarma.co.id
2	S0002	PT Kalbe Medica	Jl. Sudirman No.2, Jakarta	0212345678	contact@kalbemedica.co.id
3	S0003	PT Phapros	Jl. Merdeka No.3, Surabaya	0313456789	support@phapros.co.id
4	S0004	PT Dexa Medica	Jl. Diponegoro No.4, Bandung	0224567890	service@dexamedica.co.id
5	S0005	PT Bio Farma	Jl. Gatot Subroto No.5, Sema...	0245678901	cs@biofarma.co.id

8. Input Data Baru

```
INSERT INTO hewan (h_id, h_nama, h_jenis, h_usia, pemilik_hewan_ph_id) VALUES
('H0006', 'Abu', 'Monyet', 4, 'PH004');

INSERT INTO perawatan (p_id, p_deskripsi, p_waktu_masuk, dokter_d_id, hewan_h_id) VALUES
('P0006', 'Hewan mengalami luka kulit yang serius. Akan dilakukan pemeriksaan dan pemberian obat untuk mengurangi luka pada kulit.', '2024-11-11 18:00:09', 'D0002', 'H0006');

INSERT INTO perawatan_obat (perawatan_p_id, obat_o_id) VALUES
('P0006', 'O0002'),
('P0006', 'O0009');
```

flapzzz Database: klinik_hewan_animacare Table: hewan Data 5025241146_Y

klinik_hewan_animacare.hewan: 6 rows total (exact)

#	h_id	h_nama	h_usia	pemilik_hewan_ph_id	h_jenis
1	H0001	Mimi	2	PH001	Kucing
2	H0002	Snowy	3	PH002	Kelinci
3	H0003	Rocky	1	PH003	Anjing
4	H0004	Coco	3	PH001	Kucing
5	H0005	Simba	1	PH004	Hamster
6	H0006	Abu	4	PH004	Monyet

flapzzz Database: klinik_hewan_animacare Table: perawatan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

klinik_hewan_animacare.perawatan: 6 rows total (exact)

#	p_id	p_deskripsi	p_waktu_masuk	p_waktu_keluar	dokter_d_id	hewan_h_id
1	P0001	Hewan mengalami kesulitan ...	2024-10-01 09:30:00	2024-11-11 19:36:30	D0005	H0001
2	P0002	Hewan mengalami demam ti...	2024-10-01 14:00:00	2024-11-11 19:36:30	D0004	H0002
3	P0003	Hewan mengalami masalah ...	2024-10-02 08:45:00	2024-11-11 19:36:30	D0003	H0003
4	P0004	Hewan terkena kutu dan me...	2024-10-02 11:30:00	2024-11-11 19:36:30	D0002	H0004
5	P0005	Hewan mengalami masalah ...	2024-10-03 16:00:00	2024-11-11 19:36:30	D0001	H0005
6	P0006	Hewan mengalami luka kulit ...	2024-11-11 18:00:09	0000-00-00 00:00:00	D0002	H0006

flapzzz Database: klinik_hewan_animacare Table: perawatan_obat Data

klinik_hewan_animacare.perawatan_obat: 9 rows total (exact)

#	perawatan_p_id	obat_o_id
1	P0001	O0001
2	P0001	O0005
3	P0002	O0005
4	P0002	O0009
5	P0003	O0008
6	P0004	O0006
7	P0005	O0004
8	P0006	O0002
9	P0006	O0009

9. Update time keluar dan hapus obat

```
UPDATE perawatan
SET p_waktu_keluar = NOW()
WHERE p_id = 'P0006';

DELETE FROM perawatan_obat
WHERE perawatan_p_id = 'P0006' AND obat_o_id = '00009';
```

flapzzz Database: klinik_hewan_animacare Table: perawatan Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

klinik_hewan_animacare.perawatan: 6 rows total (exact)

#	p_id	p_deskripsi	p_waktu_masuk	p_waktu_keluar	dokter_d_id	hewan_h_id
1	P0001	Hewan mengalami kesulitan ...	2024-10-01 09:30:00	2024-11-11 19:36:30	D0005	H0001
2	P0002	Hewan mengalami demam ti...	2024-10-01 14:00:00	2024-11-11 19:36:30	D0004	H0002
3	P0003	Hewan mengalami masalah ...	2024-10-02 08:45:00	2024-11-11 19:36:30	D0003	H0003
4	P0004	Hewan terkena kutu dan me...	2024-10-02 11:30:00	2024-11-11 19:36:30	D0002	H0004
5	P0005	Hewan mengalami masalah ...	2024-10-03 16:00:00	2024-11-11 19:36:30	D0001	H0005
6	P0006	Hewan mengalami luka kulit ...	2024-11-11 18:00:09	2024-11-11 19:39:54	D0002	H0006

flapzzz Database: klinik_hewan_animacare Table: perawatan_obat Data

klinik_hewan_animacare.perawatan_obat: 8 rows total (exact)

#	perawatan_p_id	obat_o_id
1	P0001	00001
2	P0001	00005
3	P0002	00005
4	P0002	00009
5	P0003	00008
6	P0004	00006
7	P0005	00004
8	P0006	00002

10. Hapus obat < 25.000

```
DELETE FROM obat
WHERE o_harga < 25000;
```

flapzzz Database: klinik_hewan_animacare Table: obat Data 5025241146_Yoseph Kevin H_Praktikum 2.sql*

klinik_hewan_animacare.obat: 7 rows total (exact)

#	o_id	o_nama	o_jenis	o_harga	supplier_s_id
1	00001	Bronchodilator	Obat pernapasan	50,000	S0001
2	00002	Betadine	Obat luka	48,000	S0002
3	00004	AntaCida	Obat asam lambung	60,000	S0004
4	00005	Paracetamol	Obat demam	25,000	S0005
5	00006	Anti-kutu	Pembasmi kutu	75,000	S0001
6	00008	Antiseptik gigi	Pereda nyeri	45,000	S0003
7	00009	Multivitamin	Suplemen	30,000	S0004

11. Naik harga obat > 50.000

```

8
9 UPDATE obat
0 SET o_harga = 1.1*o_harga
1 WHERE o_harga > 50000;
2

```

flapzzz Database: klinik_hewan_animacare Table: obat Data 5025241146_Yoseph Kevin H_Pra

klinik_hewan_animacare.obat: 7 rows total (exact)

#	o_id 🔑	o_nama	o_jenis	o_harga	supplier_s_id 🔑
1	00001	Bronchodilator	Obat pernapasan	50,000	S0001
2	00002	Betadine	Obat luka	48,000	S0002
3	00004	AntaCida	Obat asam lambung	66,000	S0004
4	00005	Paracetamol	Obat demam	25,000	S0005
5	00006	Anti-kutu	Pembasmi kutu	82,500	S0001
6	00008	Antiseptik gigi	Pereda nyeri	45,000	S0003
7	00009	Multivitamin	Suplemen	30,000	S0004

12. Delete data tabel membership

```
TRUNCATE membership;
```

flapzzz Database: klinik_hewan_animacare Table: membership Data 5025241146_Yoseph Kev

klinik_hewan_animacare.membership: 3 rows total (exact)

#	m_id 🔑	m_alamat	m_email	pemilik_hewan_ph_id 🔑
1	M0001	Jl. Mawar No.10	andi.pratama@gmail.com	PH001
2	M0002	Jl. Melati No.25	budi.santoso@gmail.com	PH003
3	M0003	Jl. Agrabah No.7	aladdin@gmail.com	PH004

flapzzz Database: klinik_hewan_animacare Table: membership Data 5025

klinik_hewan_animacare.membership: 0 rows total (exact)

#	m_id 🔑	m_alamat	m_email	pemilik_hewan_ph_id 🔑
---	--------	----------	---------	-----------------------

LOG SQL:

```
/* 2024-11-11 19:18:00 [] */ /* Writing to session log file now:
C:\Users\kevin\AppData\Roaming\HeidiSQL\Sessionlogs\000003.log */
/* 2024-11-11 19:18:07 [flapzzz] */ CREATE DATABASE Klinik_Hewan_Animacare;
/* 2024-11-11 19:18:07 [] */ /* */
/* 2024-11-11 19:18:07 [] */ /* Affected rows: 1 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-11 19:18:12 [flapzzz] */ USE Klinik_Hewan_Animacare;
/* 2024-11-11 19:18:12 [] */ /* */
/* 2024-11-11 19:18:12 [] */ /* Affected rows: 0 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE pemilik_hewan (
    ph_id CHAR(5) NOT NULL PRIMARY KEY,
    ph_nama VARCHAR(100) NOT NULL,
    ph_telepon VARCHAR(15) NOT NULL
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE hewan (
    h_id CHAR(5) NOT NULL PRIMARY KEY,
    h_nama VARCHAR(100) NOT NULL,
    h_usia INT NOT NULL,
    pemilik_hewan_ph_id CHAR(5) NOT NULL,
    CONSTRAINT fk_ph_h FOREIGN KEY (pemilik_hewan_ph_id) REFERENCES
pemilik_hewan(ph_id) ON UPDATE CASCADE ON DELETE CASCADE
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE dokter (
    d_id CHAR(5) NOT NULL PRIMARY KEY,
    d_nama VARCHAR(100) NOT NULL,
    d_spesialis VARCHAR(100) NOT NULL,
    d_telepon VARCHAR(15) NOT NULL,
    d_email VARCHAR(100) NOT NULL
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE perawatan (
    p_id CHAR(5) NOT NULL PRIMARY KEY,
    p_deskripsi TEXT NOT NULL,
    p_waktu_masuk DATETIME NOT NULL,
    p_waktu_keluar DATETIME NOT NULL,
```

```

        dokter_d_id CHAR(5) NOT NULL,
        hewan_h_id CHAR(5) NOT NULL,
        CONSTRAINT fk_d_p FOREIGN KEY (dokter_d_id) REFERENCES dokter(d_id)
ON UPDATE CASCADE ON DELETE CASCADE,
        CONSTRAINT fk_h_p FOREIGN KEY (hewan_h_id) REFERENCES
hewan(h_id) ON UPDATE CASCADE ON DELETE CASCADE
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE supplier (
    s_id CHAR(5) NOT NULL PRIMARY KEY,
    s_nama VARCHAR(100) NOT NULL,
    s_alamat VARCHAR(100) NOT NULL,
    s_telepon VARCHAR(15) NOT NULL,
    s_email VARCHAR(100) NOT NULL
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE obat (
    o_id CHAR(5) NOT NULL PRIMARY KEY,
    o_nama VARCHAR(100) NOT NULL,
    o_jenis VARCHAR(100) NOT NULL,
    o_harga FLOAT(2) NOT NULL,
    supplier_s_id CHAR(5) NOT NULL,
    CONSTRAINT fk_s_o FOREIGN KEY (supplier_s_id) REFERENCES
supplier(s_id) ON UPDATE CASCADE ON DELETE CASCADE
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [flapzzz] */ CREATE TABLE perawatan_obat (
    perawatan_p_id CHAR(5) NOT NULL,
    obat_o_id CHAR(5) NOT NULL,
    PRIMARY KEY (perawatan_p_id, obat_o_id),
    CONSTRAINT fk_p_po FOREIGN KEY (perawatan_p_id) REFERENCES
perawatan(p_id) ON UPDATE CASCADE ON DELETE CASCADE,
    CONSTRAINT fk_o_po FOREIGN KEY (obat_o_id) REFERENCES obat(o_id)
ON UPDATE CASCADE ON DELETE CASCADE
);
/* 2024-11-11 19:18:21 [] */ /* */
/* 2024-11-11 19:18:21 [] */ /* */ Affected rows: 0 Found rows: 0 Warnings: 0 Duration for
7 queries: 0.109 sec. */
/* 2024-11-11 19:18:31 [flapzzz] */ CREATE TABLE membership (
    m_id CHAR(5) NOT NULL PRIMARY KEY,

```

```

        m_alamat VARCHAR(255) NOT NULL,
        m_email VARCHAR(100) NOT NULL,
        pemilik_hewan_ph_id CHAR(5) NOT NULL,
        CONSTRAINT fk_ph_m FOREIGN KEY (pemilik_hewan_ph_id) REFERENCES
        pemilik_hewan(ph_id) ON UPDATE CASCADE ON DELETE CASCADE
    );
/* 2024-11-11 19:18:31 [] */ /* */
/* 2024-11-11 19:18:31 [flapzzz] */ -- no 3

```

```

CREATE TABLE jenis_hewan (
    jh_id CHAR(5) NOT NULL PRIMARY KEY,
    jh_nama VARCHAR(100) NOT NULL
);
/* 2024-11-11 19:18:31 [] */ /* */
/* 2024-11-11 19:18:31 [flapzzz] */ ALTER TABLE hewan
ADD COLUMN jenis_hewan_jh_id CHAR(5) NOT NULL,
ADD CONSTRAINT fk_jh_h FOREIGN KEY (jenis_hewan_jh_id) REFERENCES
jenis_hewan(jh_id) ON UPDATE CASCADE ON DELETE CASCADE;
/* 2024-11-11 19:18:31 [] */ /* */
/* 2024-11-11 19:18:31 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:31 [] */ /* Affected rows: 0 Found rows: 0 Warnings: 0 Duration for
3 queries: 0.078 sec. */
/* 2024-11-11 19:18:39 [flapzzz] */ ALTER TABLE hewan
DROP CONSTRAINT fk_jh_h,
DROP COLUMN jenis_hewan_jh_id,
ADD COLUMN h_jenis VARCHAR(100) NOT NULL;
/* 2024-11-11 19:18:39 [] */ /* */
/* 2024-11-11 19:18:39 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:39 [flapzzz] */ DROP TABLE jenis_hewan;
/* 2024-11-11 19:18:39 [] */ /* */
/* 2024-11-11 19:18:39 [] */ /* Affected rows: 0 Found rows: 0 Warnings: 0 Duration for
2 queries: 0.032 sec. */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO dokter (d_id, d_nama, d_spesialis,
d_telepon, d_email) VALUES
('D0001', 'drh. Rina Santoso', 'Bedah Hewan', '081234567890',
'rina.santoso@gmail.com'),
('D0002', 'drh. Budi Wijaya', 'Dermatologi Hewan', '081234567891',
'budi.wijaya@gmail.com'),
('D0003', 'drh. Siti Maharani', 'Gigi dan Mulut', '081234567892',
'siti.maharani@gmail.com'),

```

```

('D0004', 'drh. Arief Pratama', 'Kesehatan Umum Hewan', '081234567893',
'arief.pratama@gmail.com'),
('D0005', 'drh. Maria Widjaja', 'Kardiologi Hewan', '081234567894',
'maria.widjaja@gmail.com');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 5 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO pemilik_hewan (ph_id, ph_nama,
ph_telepon) VALUES
('PH001', 'Andi Pratama', '081298765432'),
('PH002', 'Siti Nurhaliza', '081312345678'),
('PH003', 'Budi Santoso', '081387654321'),
('PH004', 'Aladdin', '081234567899');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 4 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO membership (m_id, m_alamat,
m_email, pemilik_hewan_ph_id) VALUES
('M0001', 'Jl. Mawar No.10', 'andi.pratama@gmail.com', 'PH001'),
('M0002', 'Jl. Melati No.25', 'budi.santoso@gmail.com', 'PH003'),
('M0003', 'Jl. Agrabah No.7', 'aladdin@gmail.com', 'PH004');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 3 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO hewan (h_id, h_nama, h_jenis,
h_usia, pemilik_hewan_ph_id) VALUES
('H0001', 'Mimi', 'Kucing', 2, 'PH001'),
('H0002', 'Snowy', 'Kelinci', 3, 'PH002'),
('H0003', 'Rocky', 'Anjing', 1, 'PH003'),
('H0004', 'Coco', 'Kucing', 3, 'PH001'),
('H0005', 'Simba', 'Hamster', 1, 'PH004');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 5 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO supplier (s_id, s_nama, s_alamat,
s_telepon, s_email) VALUES
('S0001', 'PT Kimia Farma', 'Jl. Raya No.1, Jakarta', '0211234567',
'info@kimiafarma.co.id'),
('S0002', 'PT Kalbe Medica', 'Jl. Sudirman No.2, Jakarta', '0212345678',
'contact@kalbemedica.co.id'),
('S0003', 'PT Phapros', 'Jl. Merdeka No.3, Surabaya', '0313456789',
'support@phapros.co.id'),
('S0004', 'PT Dexa Medica', 'Jl. Diponegoro No.4, Bandung', '0224567890',
'service@dexamedica.co.id'),

```

```

('S0005', 'PT Bio Farma', 'Jl. Gatot Subroto No.5, Semarang', '0245678901',
'cs@biofarma.co.id');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 5 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO obat (o_id, o_nama, o_jenis, o_harga,
supplier_s_id) VALUES
('O0001', 'Bronchodilator', 'Obat pernapasan', 50000, 'S0001'),
('O0002', 'Betadine', 'Obat luka', 48000, 'S0002'),
('O0003', 'Terramycin', 'Obat mata', 19000, 'S0003'),
('O0004', 'AntaCida', 'Obat asam lambung', 60000, 'S0004'),
('O0005', 'Paracetamol', 'Obat demam', 25000, 'S0005'),
('O0006', 'Anti-kutu', 'Pembasmi kutu', 75000, 'S0001'),
('O0007', 'Drontal', 'Obat cacing', 16000, 'S0002'),
('O0008', 'Antiseptik gigi', 'Pereda nyeri', 45000, 'S0003'),
('O0009', 'Multivitamin', 'Suplemen', 30000, 'S0004');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 9 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO perawatan (p_id, p_deskripsi,
p_waktu_masuk, p_waktu_keluar, dokter_d_id, hewan_h_id) VALUES
('P0001', 'Hewan mengalami kesulitan bernapas saat tidur. Kami akan melakukan
pemeriksaan dan memberikan obat untuk membantu pernapasan.', '2024-10-01
09:30:00', '2024-10-01 10:15:00', 'D0005', 'H0001'),
('P0002', 'Hewan mengalami demam tinggi dan lesu. Untuk menanganinya, kami akan
memberikan vaksin dan suplemen untuk meningkatkan daya tahan tubuh.', '2024-10-01
14:00:00', '2024-10-01 14:45:00', 'D0004', 'H0002'),
('P0003', 'Hewan mengalami masalah gigi yang menyebabkan nyeri. Kami akan
membersihkan gigi dan memberikan perawatan untuk mencegah infeksi.', '2024-10-02
08:45:00', '2024-10-02 09:45:00', 'D0003', 'H0003'),
('P0004', 'Hewan terkena kutu dan mengalami iritasi kulit. Untuk mengatasinya, kami
akan memberikan obat anti-kutu dan perawatan untuk kulitnya.', '2024-10-02 11:30:00',
'2024-10-02 12:00:00', 'D0002', 'H0004'),
('P0005', 'Hewan mengalami masalah pencernaan yang serius. Kami perlu melakukan
operasi kecil untuk memperbaiki masalah tersebut.', '2024-10-03 16:00:00', '2024-10-03
17:30:00', 'D0001', 'H0005');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 5 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [flapzzz] */ INSERT INTO perawatan_obat (perawatan_p_id,
obat_o_id) VALUES
('P0001', 'O0001'),
('P0001', 'O0005'),

```

```

('P0002', 'O0009'),
('P0002', 'O0005'),
('P0003', 'O0008'),
('P0004', 'O0006'),
('P0005', 'O0004');
/* 2024-11-11 19:18:53 [] */ /* */
/* 2024-11-11 19:18:53 [flapzzz] */ /* Info: Records: 7 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:18:53 [] */ /* Affected rows: 43 Found rows: 0 Warnings: 0 Duration
for 8 queries: 0.000 sec. */
/* 2024-11-11 19:18:59 [flapzzz] */ UPDATE perawatan
SET p_waktu_keluar = CURRENT_TIMESTAMP;
/* 2024-11-11 19:18:59 [] */ /* */
/* 2024-11-11 19:18:59 [flapzzz] */ /* Info: Rows matched: 5 Changed: 5 Warnings: 0 */
/* 2024-11-11 19:18:59 [] */ /* Affected rows: 5 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-11 19:19:05 [flapzzz] */ UPDATE supplier
SET
s_nama = 'PT Kalbe Farma',
s_alamat = 'Jl. Soeharto No.10, Jakarta',
s_telepon = '0219988123',
s_email = 'contact@kalbefarma.co.id'
WHERE s_id = 'S0001';
/* 2024-11-11 19:19:05 [] */ /* */
/* 2024-11-11 19:19:05 [flapzzz] */ /* Info: Rows matched: 1 Changed: 1 Warnings: 0 */
/* 2024-11-11 19:19:05 [] */ /* Affected rows: 1 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-11 19:19:11 [flapzzz] */ INSERT INTO hewan (h_id, h_nama, h_jenis,
h_usia, pemilik_hewan_ph_id) VALUES
('H0006', 'Abu', 'Monyet', 4, 'PH004');
/* 2024-11-11 19:19:11 [] */ /* */
/* 2024-11-11 19:19:11 [flapzzz] */ INSERT INTO perawatan (p_id, p_deskripsi,
p_waktu_masuk, dokter_d_id, hewan_h_id) VALUES
('P0006', 'Hewan mengalami luka kulit yang serius. Akan dilakukan pemeriksaan dan
pemberian obat untuk mengurangi luka pada kulit.', '2024-11-11 18:00:09', 'D0002',
'H0006');
/* 2024-11-11 19:19:11 [] */ /* */
/* 2024-11-11 19:19:11 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-11 19:19:11 [flapzzz] */ /* Warning: (1364) Field 'p_waktu_keluar' doesn't
have a default value */

```

```

/* 2024-11-11 19:19:11 [flapzzz] */ INSERT INTO perawatan_obat (perawatan_p_id,
obat_o_id) VALUES
('P0006', 'O0002'),
('P0006', 'O0009');
/* 2024-11-11 19:19:11 [] */ /* */
/* 2024-11-11 19:19:11 [flapzzz] */ /* Info: Records: 2 Duplicates: 0 Warnings: 0 */
/* 2024-11-11 19:19:11 [] */ /* Affected rows: 4 Found rows: 0 Warnings: 1 Duration for
3 queries: 0.000 sec. */
/* 2024-11-11 19:19:37 [flapzzz] */ UPDATE perawatan
SET p_waktu_keluar = NOW()
WHERE p_id = 'P0006';
/* 2024-11-11 19:19:37 [] */ /* */
/* 2024-11-11 19:19:37 [flapzzz] */ /* Info: Rows matched: 1 Changed: 1 Warnings: 0 */
/* 2024-11-11 19:19:52 [flapzzz] */ DELETE FROM perawatan_obat
WHERE perawatan_p_id = 'P0006' AND obat_o_id = 'O0009';
/* 2024-11-11 19:19:52 [] */ /* */
/* 2024-11-11 19:19:52 [] */ /* Affected rows: 1 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-11 19:19:59 [flapzzz] */ DELETE FROM obat
WHERE o_harga < 25000;
/* 2024-11-11 19:19:59 [] */ /* */
/* 2024-11-11 19:19:59 [flapzzz] */ -- no 11

```

```

UPDATE obat
SET o_harga = 1.1*o_harga
WHERE o_harga > 50000;
/* 2024-11-11 19:19:59 [] */ /* */
/* 2024-11-11 19:19:59 [flapzzz] */ /* Info: Rows matched: 2 Changed: 2 Warnings: 0 */
/* 2024-11-11 19:19:59 [flapzzz] */ -- no 12

```

```

TRUNCATE membership;
/* 2024-11-11 19:19:59 [] */ /* */
/* 2024-11-11 19:19:59 [] */ /* Affected rows: 4 Found rows: 0 Warnings: 0 Duration for
3 queries: 0.031 sec. */

```