

## Praktikum 3 Sistem Basis Data 2024

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Kelas : SBD - A  
RDBMS : MySQL  
Link SQL : <https://drive.google.com/file/d/12x8JtbZ2Y4hb7GM4ldx516NFX25kGejk/view?usp=sharing>  
Kode Asdos : SBD-A01 – Ahmad Fatih Ramadhani  
Sesi : Praktikum, 26 November 2024

### Nomor 1

Sintaks:

```
345 -- no 1
346 SELECT nama_resepsionis, usia, alamat FROM resepsionis
347 WHERE jenis_kelamin = 'L'
348 ORDER BY usia ASC
349 LIMIT 1;
```

Hasil:

resepsionis (1r x 3c)			
#	nama_resepsionis	usia	alamat
1	Ethan Red	26	Jl. Jendral No. 505, Bali

## Nomor 2

Sintaks:

```
351 -- no 2
352 SELECT p.nama_pelanggan, o.jumlah_kamar, GROUP_CONCAT(k.nama_kamar ORDER BY k.nama_kamar) as nama_kamar FROM pelanggan p
353 JOIN `order` o ON p.NIK = o.pelanggan_NIK
354 JOIN order_kamar ok ON o.id = ok.order_id
355 JOIN kamar k ON ok.kamar_nomor= k.nomor
356 WHERE p.nama_pelanggan = 'Daniel Martinez'
357 GROUP BY p.nama_pelanggan, o.jumlah_kamar;
```

Hasil:

pelanggan (1r x 3c)			
#	nama_pelanggan	jumlah_kamar	nama_kamar
1	Daniel Martinez	3	Anggrek,Anggrek,Cempaka

## Nomor 3

Sintaks:

```
359 -- no 3
360 SELECT r.nama_resepsionis, COUNT(1) AS total_order
361 FROM resepsionis r
362 JOIN `order` o ON r.id = o.resepsionis_id
363 JOIN order_kamar ok ON o.id = ok.order_id
364 GROUP BY r.id
365 HAVING COUNT(ok.kamar_nomor) > 2;
```

Hasil:

resepsionis (7r x 2c)		
#	nama_resepsionis	total_order
1	Alice Green	5
2	Bob White	4
3	Charlie Black	5
4	Diana Blue	3
5	Ethan Red	3
6	Fiona Yellow	4
7	George Brown	3

## Nomor 4

Sintaks:

```
368 -- no 4
369 SELECT * FROM kamar
370 WHERE `status` = 'Tersedia';
```

Hasil:

kamar (31r x 6c)						
#	nomor	nama_kamar	tipe_kamar	lantai_kamar	harga_per_malam	status
1	103	Melati	Suite	1	100,987.65	Tersedia
2	104	Melati	Standard	1	500,876.45	Tersedia
3	106	Melati	Suite	1	100,543.78	Tersedia
4	107	Melati	Standard	1	500,543.89	Tersedia
5	110	Melati	Standard	1	500,223.77	Tersedia
6	201	Mawar	Standard	2	500,423.67	Tersedia
7	204	Mawar	Standard	2	500,678.45	Tersedia
8	205	Mawar	Deluxe	2	750,456.87	Tersedia
9	206	Mawar	Suite	2	1,000,678.12	Tersedia
10	207	Mawar	Standard	2	500,345.67	Tersedia
11	208	Mawar	Deluxe	2	750,876.89	Tersedia
12	209	Mawar	Suite	2	1,000,543.32	Tersedia
13	301	Anggrek	Standard	3	500,876.78	Tersedia
14	302	Anggrek	Deluxe	3	750,234.56	Tersedia
15	303	Anggrek	Suite	3	1,000,543.89	Tersedia
16	307	Anggrek	Standard	3	500,987.33	Tersedia
17	308	Anggrek	Deluxe	3	750,432.11	Tersedia
18	309	Anggrek	Suite	3	1,000,765.54	Tersedia
19	310	Anggrek	Standard	3	500,543.89	Tersedia
20	403	Cempaka	Suite	4	1,000,432.87	Tersedia
21	404	Cempaka	Standard	4	500,987.23	Tersedia
22	406	Cempaka	Suite	4	1,000,876.54	Tersedia
23	407	Cempaka	Standard	4	500,432.67	Tersedia
24	408	Cempaka	Deluxe	4	750,654.78	Tersedia
25	410	Cempaka	Standard	4	500,345.67	Tersedia
26	503	Lili	Suite	5	1,000,678.23	Tersedia
27	504	Lili	Standard	5	500,765.34	Tersedia
28	505	Lili	Deluxe	5	750,987.67	Tersedia
29	506	Lili	Suite	5	1,000,543.78	Tersedia
30	509	Lili	Suite	5	1,000,876.12	Tersedia
31	510	Lili	Standard	5	500,876.56	Tersedia

## Nomor 5

Sintaks:

```
372 -- no 5
373 SELECT k.nomor, k.nama_kamar, k.tipe_kamar FROM kamar k
374 JOIN kamar_fasilitas kf ON k.nomor = kf.kamar_nomor
375 JOIN fasilitas f ON kf.fasilitas_id = f.id
376 WHERE f.nama = 'Wi-Fi';
377
```

Hasil:

kamar (5r x 3c)			
#	nomor	nama_kamar	tipe_kamar
1	101	Melati	Standard
2	105	Melati	Deluxe
3	201	Mawar	Standard
4	301	Anggrek	Standard
5	302	Anggrek	Deluxe

## Nomor 6

Sintaks:

```
378 -- no 6
379 SELECT SUM(DATEDIFF(o.tanggal_checkout, o.tanggal_checkin) * k.harga_per_malam) AS total,
380 AVG(DATEDIFF(o.tanggal_checkout, o.tanggal_checkin) * k.harga_per_malam) AS rata_rata FROM `order` o
381 JOIN order_kamar ok ON o.id = ok.order_id
382 JOIN kamar k ON ok.kamar_nomor = k.nomor;
383
```

Hasil:

order (1r x 2c)		
#	total	rata_rata
1	51,544,166.55	1,909,043.205556

## Nomor 7

Sintaks:

```
384 -- no 7
385 SELECT p.NIK, p.nama_pelanggan, p.no_telp, k.nomor, k.nama_kamar, k.tipe_kamar FROM pelanggan p
386 JOIN `order` o ON p.NIK = o.pelanggan_NIK
387 JOIN pembayaran b ON o.id = b.order_id
388 JOIN order_kamar ok ON o.id = ok.order_id
389 JOIN kamar k ON ok.kamar_nomor = k.nomor
390 WHERE b.`status` = 'Belum Lunas';
391
```

Hasil:

pelanggan (7r x 6c)							
#	NIK	nama_pelanggan	no_telp	nomor	nama_kamar	tipe_kamar	
1	3456789012345678	Michael Johnson	083456789012	301	Anggrek	Standard	
2	3456789012345678	Michael Johnson	083456789012	302	Anggrek	Deluxe	
3	3456789012345678	Michael Johnson	083456789012	303	Anggrek	Suite	
4	6789012345678901	Emily Davis	086789012345	510	Lili	Standard	
5	1122334455667788	James Williams	091234567890	107	Melati	Standard	
6	1122334455667788	James Williams	091234567890	410	Cempaka	Standard	
7	4455667788990011	Mia Young	094567890123	310	Anggrek	Standard	

## Nomor 8

Sintaks:

```
392 -- no 8
393 SELECT k.nomor, k.nama_kamar, GROUP_CONCAT(f.nama ORDER BY f.nama) AS nama_fasilitas FROM kamar k
394 JOIN kamar_fasilitas kf ON k.nomor = kf.kamar_nomor
395 JOIN fasilitas f ON kf.fasilitas_id = f.id
396 WHERE k.tipe_kamar = 'Deluxe'
397 GROUP BY k.nomor, k.nama_kamar;
398
```

Hasil:

kamar (7r x 3c)			
#	nomor	nama_kamar	nama_fasilitas
1	102	Melati	Karaoke,Parkir,Restoran,Spa
2	105	Melati	Gym,Layanan Kamar,Wi-Fi
3	108	Melati	Concierge,Fasilitas Pijat,Transportasi ke Bandara
4	202	Mawar	Karaoke,Parkir,Restoran,Spa
5	205	Mawar	ATM,Layanan Kamar,Parkir,Transportasi ke Bandara
6	208	Mawar	Concierge,Gym,Sabun dan Handuk,Tennis Court
7	302	Anggrek	Gym,Karaoke,Parkir,Restoran,Spa,Wi-Fi

## Nomor 9

Sintaks:

```
398 -- no 9
399 SELECT f.nama, COUNT(1) AS jumlah_penggunaan FROM fasilitas f
400 JOIN kamar_fasilitas kf ON f.id = kf.fasilitas_id
401 GROUP BY f.nama
402 ORDER BY jumlah_penggunaan DESC;
```

Hasil:

fasilitas (16r x 2c)		
#	nama	jumlah_penggunaan
1	Gym	6
2	Layanan Kamar	5
3	Transportasi ke Bandara	5
4	Wi-Fi	5
5	Parkir	4
6	Sabun dan Handuk	4
7	Restoran	3
8	Kolam Renang	3
9	Karaoke	3
10	Meeting Room	3
11	Spa	3
12	Sauna	3
13	Concierge	2
14	ATM	1
15	Fasilitas Pijat	1
16	Tennis Court	1

## Nomor 10

Sintaks:

```
405 -- no 10
406 SELECT * FROM pelanggan
407 WHERE NIK LIKE '12%';
```

Hasil:

pelanggan (1r x 6c)						
#	NIK	nama_pelanggan	email_pelanggan	jenis_kelamin	no_telp	alamat
1	1234567890123456	John Doe	johndoe@example.com	L	081234567890	Jl. Merdeka No. 123, Jakarta

## Log SQL

```
/* 2024-11-26 19:17:42 [] */ /* Writing to session log file now:
C:\Users\kevin\AppData\Roaming\HeidiSQL\Sessionlogs\000010.log */
/* 2024-11-26 19:17:47 [flapzzz] */ CREATE DATABASE praktikum_3_sbd24;
/* 2024-11-26 19:17:47 [] */ /* */
/* 2024-11-26 19:17:47 [] */ /* Affected rows: 1 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:17:50 [flapzzz] */ USE praktikum_3_sbd24;
/* 2024-11-26 19:17:50 [] */ /* */
/* 2024-11-26 19:17:50 [] */ /* Affected rows: 0 Found rows: 0 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- tables
-- Table: fasilitas
CREATE TABLE fasilitas (
    id char(5) NOT NULL,
    nama varchar(50) NOT NULL,
    tipe_fasilitas varchar(10) NOT NULL,
    deskripsi longtext NOT NULL,
    harga_per_fasilitas DECIMAL(10,2) NOT NULL,
    CONSTRAINT fasilitas_pk PRIMARY KEY (id)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'fasilitas_pk' ignored for
PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: kamar
CREATE TABLE kamar (
    nomor int NOT NULL,
    nama_kamar varchar(10) NOT NULL,
    tipe_kamar varchar(10) NOT NULL,
    lantai_kamar int NOT NULL,
    harga_per_malam DECIMAL(10,2) NOT NULL,
    status VARCHAR(20) NOT NULL,
    CONSTRAINT kamar_pk PRIMARY KEY (nomor)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'kamar_pk' ignored for
PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: kamar_fasilitas
```



```

CREATE TABLE kamar_fasilitas (
    kamar_nomor int NOT NULL,
    fasilitas_id char(5) NOT NULL,
    jumlah_fasilitas int NOT NULL,
    CONSTRAINT kamar_fasilitas_pk PRIMARY KEY (kamar_nomor,fasilitas_id)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'kamar_fasilitas_pk'
ignored for PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: order
CREATE TABLE `order` (
    id char(5) NOT NULL,
    tanggal_order timestamp NOT NULL,
    tanggal_checkin date NOT NULL,
    tanggal_checkout date NOT NULL,
    jumlah_kamar int NOT NULL,
    pelanggan_NIK char(16) NOT NULL,
    resepsionis_id char(5) NOT NULL,
    CONSTRAINT order_pk PRIMARY KEY (id)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'order_pk' ignored for
PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: order_kamar
CREATE TABLE order_kamar (
    order_id char(5) NOT NULL,
    kamar_nomor int NOT NULL,
    CONSTRAINT order_kamar_pk PRIMARY KEY (order_id,kamar_nomor)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'order_kamar_pk' ignored
for PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: pelanggan
CREATE TABLE pelanggan (
    NIK char(16) NOT NULL,
    nama_pelanggan varchar(100) NOT NULL,
    email_pelanggan varchar(50) NOT NULL,

```

```

jenis_kelamin char(1) NOT NULL,
no_telp varchar(13) NOT NULL,
alamat varchar(255) NOT NULL,
CONSTRAINT pelanggan_pk PRIMARY KEY (NIK)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'pelanggan_pk' ignored for
PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: pembayaran
CREATE TABLE pembayaran (
    id char(5) NOT NULL,
    tanggal_bayar timestamp NOT NULL,
    status VARCHAR(200) NOT NULL,
    order_id char(5) NOT NULL,
    CONSTRAINT pembayaran_pk PRIMARY KEY (id)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'pembayaran_pk' ignored
for PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Table: resepsionis
CREATE TABLE resepsionis (
    id char(5) NOT NULL,
    nama_resepsionis varchar(100) NOT NULL,
    no_telp varchar(13) NOT NULL,
    jenis_kelamin char(1) NOT NULL,
    usia int NOT NULL,
    tanggal_lahir date NOT NULL,
    tanggal_bekerja date NOT NULL,
    alamat varchar(255) NOT NULL,
    CONSTRAINT resepsionis_pk PRIMARY KEY (id)
);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ SHOW WARNINGS;
/* 2024-11-26 19:18:09 [flapzzz] */ /* Warning: (1280) Name 'resepsionis_pk' ignored for
PRIMARY key. */
/* 2024-11-26 19:18:09 [flapzzz] */ -- foreign keys
-- Reference: kamar_fasilitas_fasilitas (table: kamar_fasilitas)

```

```

ALTER TABLE kamar_fasilitas ADD CONSTRAINT kamar_fasilitas_fasilitas FOREIGN
KEY kamar_fasilitas_fasilitas (fasilitas_id)
REFERENCES fasilitas (id);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Reference: kamar_fasilitas_kamar (table:
kamar_fasilitas)
ALTER TABLE kamar_fasilitas ADD CONSTRAINT kamar_fasilitas_kamar FOREIGN
KEY kamar_fasilitas_kamar (kamar_nomor)
REFERENCES kamar (nomor);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Reference: order_kamar_kamar (table:
order_kamar)
ALTER TABLE order_kamar ADD CONSTRAINT order_kamar_kamar FOREIGN KEY
order_kamar_kamar (kamar_nomor)
REFERENCES kamar (nomor);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Reference: order_kamar_order (table:
order_kamar)
ALTER TABLE order_kamar ADD CONSTRAINT order_kamar_order FOREIGN KEY
order_kamar_order (order_id)
REFERENCES `order` (id);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Reference: order_pelanggan (table: order)
ALTER TABLE `order` ADD CONSTRAINT order_pelanggan FOREIGN KEY
order_pelanggan (pelanggan_NIK)
REFERENCES pelanggan (NIK);
/* 2024-11-26 19:18:09 [] */ /* */
/* 2024-11-26 19:18:09 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:09 [flapzzz] */ -- Reference: order_resepsionis (table: order)
ALTER TABLE `order` ADD CONSTRAINT order_resepsionis FOREIGN KEY
order_resepsionis (resepsionis_id)
REFERENCES resepsionis (id);
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ -- Reference: pembayaran_order (table:
pembayaran)

```

```
ALTER TABLE pembayaran ADD CONSTRAINT pembayaran_order FOREIGN KEY
pembayaran_order (order_id)
```

```
REFERENCES `order` (id);
```

```
/* 2024-11-26 19:18:10 [] */ /* */
```

```
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 0 Duplicates: 0 Warnings: 0 */
```

```
/* 2024-11-26 19:18:10 [flapzzz] */ -- DML (Insert Data)
```

```
INSERT INTO pelanggan (NIK, nama_pelanggan, email_pelanggan, jenis_kelamin,
no_telp, alamat)
```

```
VALUES
```

```
('1234567890123456', 'John Doe', 'johndoe@example.com', 'L', '081234567890', 'Jl.
Merdeka No. 123, Jakarta'),
```

```
('2345678901234567', 'Jane Smith', 'janesmith@example.com', 'P', '082345678901', 'Jl.
Raya No. 456, Bandung'),
```

```
('3456789012345678', 'Michael Johnson', 'michaelj@example.com', 'L',
'083456789012', 'Jl. Sudirman No. 789, Surabaya'),
```

```
('4567890123456789', 'Sarah Brown', 'sarahb@example.com', 'P', '084567890123', 'Jl.
Pahlawan No. 101, Yogyakarta'),
```

```
('5678901234567890', 'David Wilson', 'davidw@example.com', 'L', '085678901234', 'Jl.
Jendral No. 202, Bali'),
```

```
('6789012345678901', 'Emily Davis', 'emilyd@example.com', 'P', '086789012345', 'Jl.
Merdeka No. 305, Jakarta'),
```

```
('7890123456789012', 'Robert Taylor', 'robertt@example.com', 'L', '087890123456', 'Jl.
Raya No. 408, Bandung'),
```

```
('8901234567890123', 'Olivia Garcia', 'oliviag@example.com', 'P', '088901234567', 'Jl.
Sudirman No. 510, Surabaya'),
```

```
('9012345678901234', 'Daniel Martinez', 'danielm@example.com', 'L', '089012345678',
'Jl. Pahlawan No. 613, Yogyakarta'),
```

```
('0123456789012345', 'Sophia Rodriguez', 'sophia@example.com', 'P', '090123456789',
'Jl. Jendral No. 723, Bali'),
```

```
('1122334455667788', 'James Williams', 'jamesw@example.com', 'L', '091234567890',
'Jl. Merdeka No. 845, Jakarta'),
```

```
('2233445566778899', 'Isabella Harris', 'isabellah@example.com', 'P', '092345678901',
'Jl. Raya No. 952, Bandung'),
```

```
('3344556677889900', 'Alexander Walker', 'alexanderw@example.com', 'L',
'093456789012', 'Jl. Sudirman No. 105, Surabaya'),
```

```
('4455667788990011', 'Mia Young', 'miay@example.com', 'P', '094567890123', 'Jl.
Pahlawan No. 116, Yogyakarta'),
```

```
('5566778899001122', 'William King', 'williamk@example.com', 'L', '095678901234', 'Jl.
Jendral No. 227, Bali');
```

```

/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 15 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO resepsionis (id, nama_resepsionis,
no_telp, jenis_kelamin, usia, tanggal_lahir, tanggal_bekerja, alamat)
VALUES
('RS001', 'Alice Green', '081234567890', 'P', 25, '1999-05-10', '2023-01-01', 'Jl. Merdeka
No. 101, Jakarta'),
('RS002', 'Bob White', '082345678901', 'L', 30, '1994-03-15', '2022-05-01', 'Jl. Raya No.
202, Bandung'),
('RS003', 'Charlie Black', '083456789012', 'L', 28, '1996-07-20', '2021-07-15', 'Jl.
Sudirman No. 303, Surabaya'),
('RS004', 'Diana Blue', '084567890123', 'P', 32, '1992-11-25', '2020-12-12', 'Jl.
Pahlawan No. 404, Yogyakarta'),
('RS005', 'Ethan Red', '085678901234', 'L', 26, '1998-06-05', '2022-09-10', 'Jl. Jendral
No. 505, Bali'),
('RS006', 'Fiona Yellow', '086789012345', 'P', 29, '1995-04-30', '2021-02-20', 'Jl. Raya
No. 606, Jakarta'),
('RS007', 'George Brown', '087890123456', 'L', 34, '1990-08-12', '2019-05-25', 'Jl.
Merdeka No. 707, Bandung');
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 7 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO kamar (nomor, nama_kamar,
tipe_kamar, lantai_kamar, harga_per_malam, status)
VALUES
(101, 'Melati', 'Standard', 1, 500123.45, 'Tidak Tersedia'),
(102, 'Melati', 'Deluxe', 1, 750543.21, 'Tidak Tersedia'),
(103, 'Melati', 'Suite', 1, 100987.65, 'Tersedia'),
(104, 'Melati', 'Standard', 1, 500876.45, 'Tersedia'),
(105, 'Melati', 'Deluxe', 1, 750321.09, 'Tidak Tersedia'),
(106, 'Melati', 'Suite', 1, 100543.78, 'Tersedia'),
(107, 'Melati', 'Standard', 1, 500543.89, 'Tersedia'),
(108, 'Melati', 'Deluxe', 1, 750654.23, 'Tidak Tersedia'),
(109, 'Melati', 'Suite', 1, 1000876.12, 'Tidak Tersedia'),
(110, 'Melati', 'Standard', 1, 500223.77, 'Tersedia'),
(201, 'Mawar', 'Standard', 2, 500423.67, 'Tersedia'),
(202, 'Mawar', 'Deluxe', 2, 750865.33, 'Tidak Tersedia'),
(203, 'Mawar', 'Suite', 2, 1000987.45, 'Tidak Tersedia'),
(204, 'Mawar', 'Standard', 2, 500678.45, 'Tersedia'),
(205, 'Mawar', 'Deluxe', 2, 750456.87, 'Tersedia'),
(206, 'Mawar', 'Suite', 2, 1000678.12, 'Tersedia'),

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(207, 'Mawar', 'Standard', 2, 500345.67, 'Tersedia'),
(208, 'Mawar', 'Deluxe', 2, 750876.89, 'Tersedia'),
(209, 'Mawar', 'Suite', 2, 1000543.32, 'Tersedia'),
(210, 'Mawar', 'Standard', 2, 500432.09, 'Tidak Tersedia'),
(301, 'Anggrek', 'Standard', 3, 500876.78, 'Tersedia'),
(302, 'Anggrek', 'Deluxe', 3, 750234.56, 'Tersedia'),
(303, 'Anggrek', 'Suite', 3, 1000543.89, 'Tersedia'),
(304, 'Anggrek', 'Standard', 3, 500123.78, 'Tidak Tersedia'),
(305, 'Anggrek', 'Deluxe', 3, 750654.12, 'Tidak Tersedia'),
(306, 'Anggrek', 'Suite', 3, 1000876.67, 'Tidak Tersedia'),
(307, 'Anggrek', 'Standard', 3, 500987.33, 'Tersedia'),
(308, 'Anggrek', 'Deluxe', 3, 750432.11, 'Tersedia'),
(309, 'Anggrek', 'Suite', 3, 1000765.54, 'Tersedia'),
(310, 'Anggrek', 'Standard', 3, 500543.89, 'Tersedia'),
(401, 'Cempaka', 'Standard', 4, 500654.34, 'Tidak Tersedia'),
(402, 'Cempaka', 'Deluxe', 4, 750876.32, 'Tidak Tersedia'),
(403, 'Cempaka', 'Suite', 4, 1000432.87, 'Tersedia'),
(404, 'Cempaka'/* large SQL query (2.9 KiB), snipped at 2,000 characters */
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 50 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO fasilitas (id, nama, tipe_fasilitas,
deskripsi, harga_per_fasilitas)
VALUES
('FS001', 'Kolam Renang', 'free', 'Kolam renang outdoor yang dapat digunakan oleh
tamuhotel untuk berenang atau berjemur.', 0.00),
('FS002', 'Wi-Fi', 'free', 'Akses Wi-Fi gratis yang tersedia di seluruh area hotel, termasuk
di kamar dan fasilitas umum.', 0.00),
('FS003', 'Sabun dan Handuk', 'free', 'Setiap kamar dilengkapi dengan sabun, shampoo,
dan handuk bersih yang disediakan oleh hotel.', 0.00),
('FS004', 'Layanan Kamar', 'paid', 'Layanan kamar 24 jam yang menyajikan berbagai
menu makanan dan minuman ke kamar Anda.', 150000.00),
('FS005', 'Spa', 'paid', 'Layanan spa lengkap dengan berbagai pilihan perawatan tubuh
dan relaksasi untuk tamuhotel.', 300000.00),
('FS006', 'Karaoke', 'paid', 'Ruangan karaoke yang dapat digunakan untuk hiburan
dengan pilihan lagu internasional dan lokal.', 200000.00),
('FS007', 'Parkir', 'free', 'Tempat parkir luas dan aman untuk kendaraan tamuhotel,
tersedia untuk kendaraan pribadi atau taksi.', 0.00),
('FS008', 'Restoran', 'paid', 'Restoran dengan menu internasional dan lokal yang
menyajikan masakan khas dari berbagai daerah.', 100000.00),

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('FS009', 'Gym', 'free', 'Fasilitas gym dengan peralatan lengkap yang dapat digunakan
oleh tamu hotel untuk olahraga dan kebugaran.', 0.00),
('FS010', 'Transportasi ke Bandara', 'paid', 'Layanan transportasi antar hotel dan
bandara dengan menggunakan kendaraan hotel yang nyaman.', 250000.00),
('FS011', 'Sauna', 'paid', 'Fasilitas sauna untuk relaksasi dan detoksifikasi tubuh,
tersedia dengan biaya tambahan.', 150000.00),
('FS012', 'Meeting Room', 'paid', 'Ruang pertemuan atau rapat dengan fasilitas
multimedia untuk acara bisnis atau seminar.', 500000.00),
('FS013', 'Laundry', 'paid', 'Layanan laundry untuk mencuci pakaian dengan harga
berdasarkan berat atau jenis pakaian.', 50000.00),
('FS014', 'Fasilitas Pijat', 'paid', 'Layanan pijat tradisional untuk relaksasi tubuh setelah
sehari-hari beraktivitas/* large SQL query (2.8 KiB), snipped at 2,000 characters */
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 20 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO kamar_fasilitas (kamar_nomor,
fasilitas_id, jumlah_fasilitas)
VALUES
('101', 'FS001', 1),
('101', 'FS002', 1),
('101', 'FS003', 2),
('101', 'FS004', 1),
('102', 'FS005', 1),
('102', 'FS006', 1),
('102', 'FS007', 1),
('102', 'FS008', 1),
('103', 'FS009', 1),
('103', 'FS010', 1),
('103', 'FS011', 1),
('103', 'FS012', 1),
('105', 'FS002', 1),
('105', 'FS004', 1),
('105', 'FS009', 1),
('108', 'FS010', 1),
('108', 'FS014', 1),
('108', 'FS017', 1),
('201', 'FS001', 1),
('201', 'FS002', 1),
('201', 'FS003', 2),
('201', 'FS004', 1),
('202', 'FS005', 1),

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('202', 'FS006', 1),
('202', 'FS007', 1),
('202', 'FS008', 1),
('203', 'FS009', 1),
('203', 'FS010', 1),
('203', 'FS011', 1),
('203', 'FS012', 1),
('205', 'FS004', 1),
('205', 'FS007', 1),
('205', 'FS016', 1),
('205', 'FS010', 1),
('208', 'FS017', 1),
('208', 'FS003', 1),
('208', 'FS009', 1),
('208', 'FS018', 1),
('301', 'FS001', 1),
('301', 'FS002', 1),
('301', 'FS003', 2),
('301', 'FS004', 1),
('302', 'FS005', 1),
('302', 'FS006', 1),
('302', 'FS007', 1),
('302', 'FS008', 1),
('302', 'FS002', 1),
('302', 'FS009', 1),
('303', 'FS009', 1),
('303', 'FS010', 1),
('303', 'FS012', 1),
('303', 'FS011', 1);
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 52 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO `order` (id, tanggal_order,
tanggal_checkin, tanggal_checkout, jumlah_kamar, pelanggan_NIK, resepsionis_id)
VALUES
('OR001', '2024-11-01 10:30:00', '2024-11-05', '2024-11-07', 2, '1234567890123456',
'RS001'),
('OR002', '2024-11-02 12:00:00', '2024-11-06', '2024-11-08', 1, '2345678901234567',
'RS002'),
('OR003', '2024-11-03 14:15:00', '2024-11-07', '2024-11-10', 3, '3456789012345678',
'RS003'),
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('OR004', '2024-11-04 09:45:00', '2024-11-10', '2024-11-12', 1, '4567890123456789',
'RS004'),
('OR005', '2024-11-05 11:30:00', '2024-11-12', '2024-11-15', 2, '5678901234567890',
'RS005'),
('OR006', '2024-11-06 13:20:00', '2024-11-13', '2024-11-14', 1, '6789012345678901',
'RS006'),
('OR007', '2024-11-07 08:00:00', '2024-11-14', '2024-11-17', 2, '7890123456789012',
'RS007'),
('OR008', '2024-11-08 15:00:00', '2024-11-15', '2024-11-18', 1, '8901234567890123',
'RS001'),
('OR009', '2024-11-09 16:30:00', '2024-11-16', '2024-11-20', 3, '9012345678901234',
'RS002'),
('OR010', '2024-11-10 17:45:00', '2024-11-17', '2024-11-19', 2, '0123456789012345',
'RS003'),
('OR011', '2024-11-11 10:30:00', '2024-11-18', '2024-11-20', 2, '1122334455667788',
'RS004'),
('OR012', '2024-11-12 12:15:00', '2024-11-19', '2024-11-22', 1, '2233445566778899',
'RS005'),
('OR013', '2024-11-13 13:45:00', '2024-11-20', '2024-11-23', 3, '3344556677889900',
'RS006'),
('OR014', '2024-11-14 14:20:00', '2024-11-21', '2024-11-24', 1, '4455667788990011',
'RS007'),
('OR015', '2024-11-15 15:10:00', '2024-11-22', '2024-11-25', 2, '5566778899001122',
'RS001');
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 15 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO `order_kamar` (order_id,
kamar_nomor)
VALUES
('OR001', '101'),
('OR001', '102'),
('OR002', '201'),
('OR003', '301'),
('OR003', '302'),
('OR003', '303'),
('OR004', '401'),
('OR005', '501'),
('OR005', '502'),
('OR006', '510'),
('OR007', '105'),

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('OR007', '108'),
('OR008', '306'),
('OR009', '402'),
('OR009', '304'),
('OR009', '305'),
('OR010', '409'),
('OR010', '405'),
('OR011', '410'),
('OR011', '107'),
('OR012', '109'),
('OR013', '202'),
('OR013', '203'),
('OR013', '210'),
('OR014', '310'),
('OR015', '507'),
('OR015', '508');
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 27 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [flapzzz] */ INSERT INTO `pembayaran` (id, tanggal_bayar,
status, order_id)
VALUES
('PB001', '2024-11-01 15:00:00', 'Lunas', 'OR001'),
('PB002', '2024-11-02 16:30:00', 'Lunas', 'OR002'),
('PB003', '2024-11-03 18:45:00', 'Belum Lunas', 'OR003'),
('PB004', '2024-11-04 10:00:00', 'Lunas', 'OR004'),
('PB005', '2024-11-05 14:00:00', 'Lunas', 'OR005'),
('PB006', '2024-11-06 11:00:00', 'Belum Lunas', 'OR006'),
('PB007', '2024-11-07 13:00:00', 'Lunas', 'OR007'),
('PB008', '2024-11-08 15:30:00', 'Lunas', 'OR008'),
('PB009', '2024-11-09 17:00:00', 'Lunas', 'OR009'),
('PB010', '2024-11-10 19:00:00', 'Lunas', 'OR010'),
('PB011', '2024-11-11 09:30:00', 'Belum Lunas', 'OR011'),
('PB012', '2024-11-12 12:00:00', 'Lunas', 'OR012'),
('PB013', '2024-11-13 13:30:00', 'Lunas', 'OR013'),
('PB014', '2024-11-14 14:00:00', 'Belum Lunas', 'OR014'),
('PB015', '2024-11-15 15:00:00', 'Lunas', 'OR015');
/* 2024-11-26 19:18:10 [] */ /* */
/* 2024-11-26 19:18:10 [flapzzz] */ /* Info: Records: 15 Duplicates: 0 Warnings: 0 */
/* 2024-11-26 19:18:10 [] */ /* Affected rows: 201 Found rows: 0 Warnings: 8 Duration
for 23 queries: 0.344 sec. */

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/* 2024-11-26 19:18:14 [flapzzz] */ -- no 1
SELECT nama_resepsionis, usia, alamat FROM resepsionis
WHERE jenis_kelamin = 'L'
ORDER BY usia ASC
LIMIT 1;
/* 2024-11-26 19:18:14 [] */ /* */
/* 2024-11-26 19:18:14 [] */ /* Affected rows: 0 Found rows: 1 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:18 [flapzzz] */ SELECT p.nama_pelanggan, o.jumlah_kamar,
GROUP_CONCAT(k.nama_kamar ORDER BY k.nama_kamar) as nama_kamar FROM
pelanggan p
JOIN `order` o ON p.NIK = o.pelanggan_NIK
JOIN order_kamar ok ON o.id = ok.order_id
JOIN kamar k ON ok.kamar_nomor= k.nomor
WHERE p.nama_pelanggan = 'Daniel Martinez'
GROUP BY p.nama_pelanggan, o.jumlah_kamar;
/* 2024-11-26 19:18:18 [] */ /* */
/* 2024-11-26 19:18:18 [flapzzz] */ SELECT `DEFAULT_COLLATION_NAME` FROM
`information_schema`.`SCHEMATA` WHERE `SCHEMA_NAME`='praktikum_3_sbd24';
/* 2024-11-26 19:18:18 [flapzzz] */ SHOW TABLE STATUS FROM
`praktikum_3_sbd24`;
/* 2024-11-26 19:18:18 [flapzzz] */ SHOW FUNCTION STATUS WHERE
`Db`='praktikum_3_sbd24';
/* 2024-11-26 19:18:18 [flapzzz] */ SHOW PROCEDURE STATUS WHERE
`Db`='praktikum_3_sbd24';
/* 2024-11-26 19:18:18 [flapzzz] */ SHOW TRIGGERS FROM `praktikum_3_sbd24`;
/* 2024-11-26 19:18:18 [flapzzz] */ SELECT *, EVENT_SCHEMA AS `Db`,
EVENT_NAME AS `Name` FROM information_schema.`EVENTS` WHERE
`EVENT_SCHEMA`='praktikum_3_sbd24';
/* 2024-11-26 19:18:18 [] */ /* Affected rows: 0 Found rows: 1 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:22 [flapzzz] */ SELECT r.nama_resepsionis, COUNT(1) AS
total_order
FROM resepsionis r
JOIN `order` o ON r.id = o.resepsionis_id
JOIN order_kamar ok ON o.id = ok.order_id
GROUP BY r.id
HAVING COUNT(ok.kamar_nomor) > 2;
/* 2024-11-26 19:18:22 [] */ /* */

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/* 2024-11-26 19:18:22 [] */ /* Affected rows: 0 Found rows: 7 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:26 [flapzzz] */ SELECT * FROM kamar
WHERE `status` = 'Tersedia';
/* 2024-11-26 19:18:26 [] */ /* */
/* 2024-11-26 19:18:26 [] */ /* Affected rows: 0 Found rows: 31 Warnings: 0 Duration
for 1 query: 0.000 sec. */
/* 2024-11-26 19:18:29 [flapzzz] */ SELECT k.nomor, k.nama_kamar, k.tipe_kamar
FROM kamar k
JOIN kamar_fasilitas kf ON k.nomor = kf.kamar_nomor
JOIN fasilitas f ON kf.fasilitas_id = f.id
WHERE f.nama = 'Wi-Fi';
/* 2024-11-26 19:18:29 [] */ /* */
/* 2024-11-26 19:18:29 [] */ /* Affected rows: 0 Found rows: 5 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:32 [flapzzz] */ SELECT SUM(DATEDIFF(o.tanggal_checkout,
o.tanggal_checkin) * k.harga_per_malam) AS total,
AVG(DATEDIFF(o.tanggal_checkout, o.tanggal_checkin) * k.harga_per_malam) AS
rata_rata FROM `order` o
JOIN order_kamar ok ON o.id = ok.order_id
JOIN kamar k ON ok.kamar_nomor = k.nomor;
/* 2024-11-26 19:18:32 [] */ /* */
/* 2024-11-26 19:18:32 [] */ /* Affected rows: 0 Found rows: 1 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:35 [flapzzz] */ SELECT p.NIK, p.nama_pelanggan, p.no_telp,
k.nomor, k.nama_kamar, k.tipe_kamar FROM pelanggan p
JOIN `order` o ON p.NIK = o.pelanggan_NIK
JOIN pembayaran b ON o.id = b.order_id
JOIN order_kamar ok ON o.id = ok.order_id
JOIN kamar k ON ok.kamar_nomor = k.nomor
WHERE b.`status` = 'Belum Lunas';
/* 2024-11-26 19:18:35 [] */ /* */
/* 2024-11-26 19:18:35 [] */ /* Affected rows: 0 Found rows: 7 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:38 [flapzzz] */ SELECT k.nomor, k.nama_kamar,
GROUP_CONCAT(f.nama ORDER BY f.nama) AS nama_fasilitas FROM kamar k
JOIN kamar_fasilitas kf ON k.nomor = kf.kamar_nomor
JOIN fasilitas f ON kf.fasilitas_id = f.id
WHERE k.tipe_kamar = 'Deluxe'
GROUP BY k.nomor, k.nama_kamar;

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/* 2024-11-26 19:18:38 [] */ /* */
/* 2024-11-26 19:18:38 [] */ /* Affected rows: 0 Found rows: 7 Warnings: 0 Duration for
1 query: 0.000 sec. */
/* 2024-11-26 19:18:42 [flapzzz] */ SELECT f.nama, COUNT(1) AS jumlah_penggunaan
FROM fasilitas f
JOIN kamar_fasilitas kf ON f.id = kf.fasilitas_id
GROUP BY f.nama
ORDER BY jumlah_penggunaan DESC;
/* 2024-11-26 19:18:42 [] */ /* */
/* 2024-11-26 19:18:42 [] */ /* Affected rows: 0 Found rows: 16 Warnings: 0 Duration
for 1 query: 0.000 sec. */
/* 2024-11-26 19:18:47 [flapzzz] */ SELECT * FROM pelanggan
WHERE NIK LIKE '12%';
/* 2024-11-26 19:18:47 [] */ /* */
/* 2024-11-26 19:18:47 [] */ /* Affected rows: 0 Found rows: 1 Warnings: 0 Duration for
1 query: 0.000 sec. */
```