Praktikum 3 Sistem Basis Data 2024

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Kelas : SBDA RDBMS : MySQL

Link SQL :

■ Pendahuluan Modul 3

Kode Asdos : SBDA01 Sesi : Praktikum

Nomor 1

Sintaks:

```
SELECT nama_resepsionis, usia, alamat
FROM resepsionis
WHERE resepsionis.jenis_kelamin='L'
ORDER BY usia
LIMIT 1;
```

Hasil:

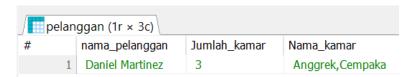
```
# nama_resepsionis usia alamat

1 Ethan Red 26 Jl. Jendral No. 505, Bali
```

Nomor 2

Sintaks:

```
SELECT nama_pelanggan, GROUP_CONCAT(DISTINCT jumlah_kamar) AS Jumlah_kamar, GROUP_CONCAT(DISTINCT nama_kamar) AS Nama_kamar
FROM pelanggan
JOIN `order` ON pelanggan.NIK = `order`.pelanggan_NIK
JOIN order_kamar ON `order`.id = order_kamar.order_id
JOIN kamar ON order_kamar.kamar_nomor = kamar.nomor
WHERE pelanggan.nama_pelanggan = 'Daniel Martinez';
```



Sintaks:

```
SELECT resepsionis.id, resepsionis.nama_resepsionis, COUNT(*) AS banyak_order
FROM resepsionis
JOIN `order` ON resepsionis.id=order.resepsionis_id
GROUP BY order.resepsionis_id
HAVING COUNT(*) > 2;
```

Hasil:



Nomor 4

Sintaks:

```
SELECT * FROM kamar
WHERE kamar.`status` = '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

Sintaks:

```
SELECT kamar.nomor, kamar.nama_kamar, kamar.tipe_kamar
FROM kamar
JOIN kamar_fasilitas ON kamar.nomor=kamar_fasilitas.kamar_nomor
JOIN fasilitas ON kamar_fasilitas.fasilitas_id=fasilitas.id
WHERE fasilitas.nama='Wi-Fi';
```

Hasil:

kamar (5r × 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:

(lampirkan sintaks jawaban)

(lampirkan screenshot hasil)

Nomor 7

Sintaks:

```
SELECT pelanggan.NIK, pelanggan.nama_pelanggan, pelanggan.no_telp
FROM pelanggan
JOIN `order` ON pelanggan.NIK=`order`.pelanggan_NIK
JOIN pembayaran ON `order`.id=pembayaran.order_id
WHERE pembayaran.`status`='Belum Lunas';
```

Hasil:

pelanggan (4r × 3c)						
#	NIK 💡	nama_pelanggan	no_telp			
1	34567890123456	Michael Johnson	083456789012			
2	67890123456789	Emily Davis	086789012345			
3	11223344556677	James Williams	091234567890			
4	44556677889900	Mia Young	094567890123			

Nomor 8

Sintaks:

```
SELECT kamar.nomor, GROUP_CONCAT(fasilitas.nama) AS fasilitas FROM kamar
JOIN kamar_fasilitas ON kamar.nomor=kamar_fasilitas.kamar_nomor
JOIN fasilitas ON kamar_fasilitas.fasilitas_id=fasilitas.id
WHERE kamar.tipe_kamar='Deluxe'
GROUP BY kamar.nomor;
```



Sintaks:

```
SELECT fasilitas.nama AS fasilitas, COUNT(fasilitas.nama) AS jumlah_fasilitas FROM fasilitas
JOIN kamar_fasilitas ON fasilitas.id=kamar_fasilitas.fasilitas_id
JOIN kamar ON kamar.nomor=kamar_fasilitas.kamar_nomor
GROUP BY fasilitas.nama
ORDER BY COUNT(*) DESC;
```

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

Sintaks:

```
SELECT * FROM pelanggan
WHERE NIK LIKE '12%';
```

