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## LK-View 01

Buatlah Object View dari kasus-kasus dibawah ini berdasarkan skema database banktoyib!

1. Tampilkan semua nama bagian dan jumlah pekerjaan masing-masing

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0004 seconds.)

```
CREATE VIEW lihat_pekerjaan AS SELECT bagian>Nama_Bagian, COUNT(pekerjaan>Nama_Pekerjaan) AS "Jumlah Pegawai" FROM pekerjaan INNER JOIN pegawai ON pekerjaan.ID_Pekerjaan=pegawai.ID_Pekerjaan INNER JOIN bagian ON pegawai.ID_bagian=bagian.id_bagian GROUP BY bagian>Nama_Bagian;
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

SELECT \* FROM `lihat\_pekerjaan`

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ]

☐ Show all | Number of rows: 25

Extra options

Nama_Bagian	Jumlah Pegawai
Administrasi	1
Akuntansi	2
Eksekutif	3
IT	5
Keuangan	6
Layanan Nasabah	1
Pelayanan Umum	45
Pemasaran	2
Purchasing	6
Relasi Publik	1
Sales	34

2. Tampilkan semua nama kota dan gaji rata-rata di kota tersebut terurut mulai kota yang gaji rata-ratanya paling tinggi

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0004 seconds.)

```
CREATE VIEW lihat_02 AS SELECT lokasi.Kota, AVG(pegawai.Gaji) FROM pegawai INNER JOIN bagian ON pegawai.ID_bagian=bagian.id_bagian INNER JOIN lokasi ON bagian.id_lokasi=lokasi.id_lokasi GROUP BY lokasi.Kota ORDER BY AVG(pegawai.Gaji) DESC;
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

SELECT \* FROM `lihat\_02`

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

☐ Show all | Number of rows: 25

Extra options

Kota	AVG(pegawai.Gaji)
Munich	10000.000000
Toronto	9500.000000
Oxford	8955.882353
Seattle	8845.333333
London	6500.000000
Southlake	5760.000000
South San Francisco	3475.555556

3. Tampilkan semua nama negara di benua Europe dan gaji minimal di negara tersebut terurut berdasarkan nama negara secara alfabetik A-Z

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0004 seconds.)

```
CREATE VIEW lihat_03 AS SELECT negara>Nama_Negara, MIN(pegawai.Gaji) AS "Gaji Minimal" FROM pegawai JOIN bagian ON pegawai.ID_bagian = bagian.id_bagian JOIN lokasi ON bagian.id_lokasi = lokasi.id_lokasi JOIN negara ON lokasi.ID_negara = negara.ID_Negara JOIN benua ON negara.id_benua = benua.id_benua WHERE benua>Nama_benua="Europe" GROUP BY negara>Nama_Negara ORDER BY negara>Nama_Negara ASC;
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

```
SELECT * FROM `lihat_03`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain S

☐ Show all | Number of rows: 25

Extra options

Nama_Negara	Gaji Minimal
Germany	10000.00
United Kingdom	6100.00

4. Tampilkan semua nama dan email pegawai yang bekerja di United Kingdom dengan gaji lebih dari 6000

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0005 seconds.)

```
CREATE VIEW lihat_04 AS SELECT CONCAT_WS(" ", pegawai>Nama_Depan, pegawai>Nama_Belakang) AS "Nama Lengkap", pegawai.email, pegawai.Gaji, negara>Nama_Negara FROM pegawai INNER JOIN bagian ON pegawai.ID_bagian=bagian.id_bagian INNER JOIN lokasi ON bagian.id_lokasi=lokasi.id_lokasi INNER JOIN negara ON lokasi.ID_negara=negara.ID_Negara WHERE negara>Nama_Negara="United Kingdom" AND pegawai.Gaji > 6000;
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

	Nama Lengkap	email	Gaji	Nama_Negara
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Susan Mavris	Susan.Mavris@BankToyib.co.id	6500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	John Russell	John.Russell@BankToyib.co.id	14000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Karen Partners	Karen.Partners@BankToyib.co.id	13500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Alberto Errazuriz	Alberto.Errazuriz@BankToyib.co.id	12000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Gerald Cambraut	Gerald.Cambraut@BankToyib.co.id	11000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Eleni Zlotkey	Eleni.Zlotkey@BankToyib.co.id	10500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Peter Tucker	Peter.Tucker@BankToyib.co.id	10000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	David Bernstein	David.Bernstein@BankToyib.co.id	9500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Peter Hall	Peter.Hall@BankToyib.co.id	9000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Christopher Olsen	Christopher.Olsen@BankToyib.co.id	8000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Nanette Cambraut	Nanette.Cambraut@BankToyib.co.id	7500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Oliver Tuvault	Oliver.Tuvault@BankToyib.co.id	7000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Janette King	Janette.King@BankToyib.co.id	10000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Patrick Sully	Patrick.Sully@BankToyib.co.id	9500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Allan McEwen	Allan.McEwen@BankToyib.co.id	9000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Lindsey Smith	Lindsey.Smith@BankToyib.co.id	8000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Louise Doran	Louise.Doran@BankToyib.co.id	7500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Sarath Sewall	Sarath.Sewall@BankToyib.co.id	7000.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Clara Vishney	Clara.Vishney@BankToyib.co.id	10500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Danielle Greene	Danielle.Greene@BankToyib.co.id	9500.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Mattea Marvins	Mattea.Marvins@BankToyib.co.id	7200.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	David Lee	David.Lee@BankToyib.co.id	6800.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Sundar Ande	Sundar.Ande@BankToyib.co.id	6400.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Amit Banda	Amit.Banda@BankToyib.co.id	6200.00	United Kingdom
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Lisa Ozer	Lisa.Ozer@BankToyib.co.id	11500.00	United Kingdom

5. Tampilkan semua nama pekerjaan yang ada di negara United States of America lengkap dengan rata-rata gajinya

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0005 seconds.)

```
CREATE VIEW lihat_05 AS SELECT pekerjaan>Nama_Pekerjaan, negara>Nama_Negara, AVG(pegawai.Gaji) AS "Gaji Rata-Rata" FROM pekerjaan INNER JOIN pegawai ON pekerjaan.ID_Pekerjaan=pegawai.ID_Pekerjaan INNER JOIN bagian ON pegawai.ID_bagian=bagian.id_bagian INNER JOIN lokasi ON bagian.id_lokasi=lokasi.id_lokasi INNER JOIN negara ON lokasi.ID_negara=negara.ID_Negara WHERE negara>Nama_Negara = "United States Of America" GROUP BY pekerjaan>Nama_Pekerjaan;
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

SELECT \* FROM `lihat\_05`

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

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

Nama_Pekerjaan	Nama_Negara	Gaji Rata-Rata
Akuntan Publik	United States of America	8300.000000
Direktur	United States of America	24000.000000
Manajer Akuntansi	United States of America	12008.000000
Manajer Keuangan	United States of America	12008.000000
Manajer Pelayanan	United States of America	7280.000000
Manajer Pembiayaan	United States of America	11000.000000
Programmer	United States of America	5760.000000
Staf Administrasi	United States of America	4400.000000
Staf Akuntansi	United States of America	7920.000000
Staf Asuransi	United States of America	3215.000000
Staf Pelayanan	United States of America	2785.000000
Staf Pembiayaan	United States of America	2780.000000
Wakil Direktur	United States of America	17000.000000