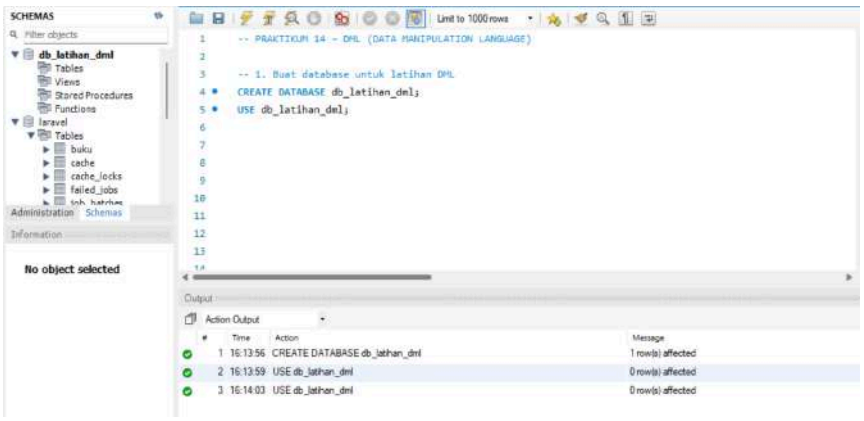
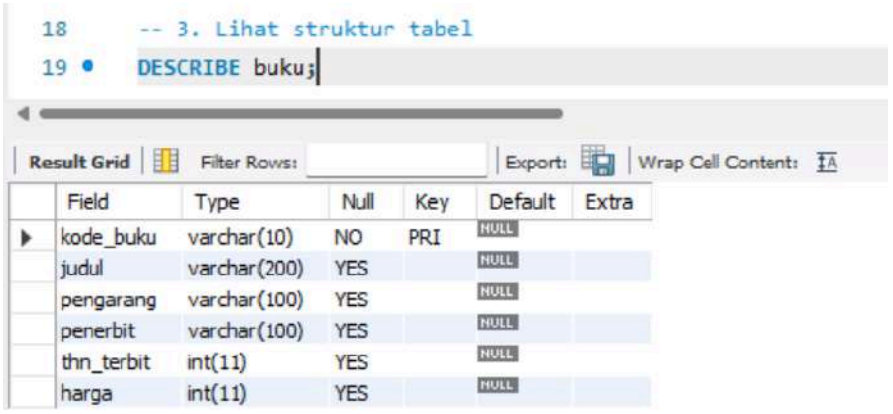
TUGAS MANDIRI PERTEMUAN 14
NAYLA PUTRI CAHYA RAMADANI
2024071020





```sql
-- 4. Isi data tabel buku
INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga) VALUES
('BK01','Diagram UML','Penulis A','Graha Pustaka',2004,50000),
('BK02','Basis Data','Dewi Lestari','Abadi Jaya',2003,45000),
('BK03','Algoritma','Raden Kraton','Graha Pustaka',2006,60000),
('BK04','Programming 1','Budi','Abadi Jaya',2001,35000),
('BK05','Multimedia','Siti','Pustaka Kita',2007,30000);
```

Output

Action Output

#	Time	Action	Message
1	16:13:56	CREATE DATABASE db_latihan_dml	1 row(s) affected
2	16:13:59	USE db_latihan_dml	0 row(s) affected
3	16:14:03	USE db_latihan_dml	0 row(s) affected
4	16:14:41	CREATE TABLE IF NOT EXISTS buku (kode_buku VARCHAR(10) PRIMARY KE...	0 row(s) affected
5	16:15:03	DESCRIBE buku	6 row(s) returned
6	16:15:40	INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga) VALU...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0

```sql
-- 5. Tampilkan seluruh record descending harga
SELECT * FROM buku ORDER BY harga DESC;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_buku	judul	pengarang	penerbit	thn_terbit	harga
BK03	Algoritma	Raden Kraton	Graha Pustaka	2006	60000
BK01	Diagram UML	Penulis A	Graha Pustaka	2004	50000
BK02	Basis Data	Dewi Lestari	Abadi Jaya	2003	45000
BK04	Programming 1	Budi	Abadi Jaya	2001	35000
BK05	Multimedia	Siti	Pustaka Kita	2007	30000
NULL	NULL	NULL	NULL	NULL	NULL

```sql
-- 6. Total harga
SELECT SUM(harga) AS total_harga FROM buku;
```

Result Grid | Filter Rows: | Export: | Wrap Cell C

total_harga
220000

```sql
-- 7. Buku termurah
SELECT * FROM buku WHERE harga = (SELECT MIN(harga) FROM buku);
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_buku	judul	pengarang	penerbit	thn_terbit	harga
BK05	Multimedia	Siti	Pustaka Kita	2007	30000
NULL	NULL	NULL	NULL	NULL	NULL

```sql
38      -- 8. Rata-rata harga
39 •    SELECT AVG(harga) AS rata_harga FROM buku;
40
41
42
```

Result Grid | Filter Rows: | Export: | Wrap

rata_harga
44000.0000

```sql
41      -- 9. Alias tabel bk
42 •    SELECT bk.judul, bk.penerbit, bk.harga FROM buku AS bk;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

judul	penerbit	harga
Diagram UML	Graha Pustaka	50000
Basis Data	Abadi Jaya	45000
Algoritma	Graha Pustaka	60000
Programming 1	Abadi Jaya	35000
Multimedia	Pustaka Kita	30000

```sql
44      -- 10. Jumlah data
45 •    SELECT COUNT(*) AS jumlah_data FROM buku;
```

Result Grid | Filter Rows: | Export: | Wr

jumlah_data
5

```sql
47      -- 11. Update judul Diagram UML menjadi UML Dasar
48 •    UPDATE buku
49      SET judul = 'UML Dasar'
50      WHERE kode_buku = 'BK01';
51
```

Context Help | Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	16:18:55	SELECT COUNT(*) AS jumlah_data FROM buku LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
13	16:19:17	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...	0.000 sec
14	16:19:59	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...	0.000 sec
15	16:20:12	SELECT * FROM buku WHERE judul = 'Diagram UML' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	16:20:47	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...	0.000 sec
17	16:21:01	UPDATE buku SET judul = 'UML Dasar' WHERE kode_buku = 'BK01'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec

```
55      -- 12. Insert BK06
56 •    INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga)
57      VALUES ('BK06','Algoritma Lanjut','Raden Kraton','Graha Pustaka',2005,40000);
```

Output

Action Output

#	Time	Action	Message
13	16:19:17	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...
14	16:19:59	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...
15	16:20:12	SELECT * FROM buku WHERE judul = 'Diagram UML' LIMIT 0, 1000	1 row(s) returned
16	16:20:47	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...
17	16:21:01	UPDATE buku SET judul = 'UML Dasar' WHERE kode_buku = 'BK01'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
18	16:21:44	INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga) VAL...	1 row(s) affected

```
59      -- 13. Hapus BK05 dan tampilkan isi tabel
60 •    DELETE FROM buku WHERE kode_buku = 'BK05';
61 •    SELECT * FROM buku;
62
63
```

Context Help | Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	16:19:59	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...	0.000 sec
15	16:20:12	SELECT * FROM buku WHERE judul = 'Diagram UML' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	16:20:47	UPDATE buku SET judul = 'UML Dasar' WHERE judul = 'Diagram UML'	Error Code: 1175. You are using safe update mode and you tried to update a table ...	0.000 sec
17	16:21:01	UPDATE buku SET judul = 'UML Dasar' WHERE kode_buku = 'BK01'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
18	16:21:44	INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga) VAL...	1 row(s) affected	0.000 sec
19	16:22:06	DELETE FROM buku WHERE kode_buku = 'BK05'	1 row(s) affected	0.000 sec

```
67      -- PRAKTIKUM 15 - OPERATOR
68
69      -- Buat database latihan operator
70 •    CREATE DATABASE  db_latihan_operator;
71 •    USE db_latihan_operator;
72      -- Buat tabel member
73 •    CREATE TABLE IF NOT EXISTS member (
74        id_member INT AUTO_INCREMENT PRIMARY KEY,
75        nama_member VARCHAR(100),
76        semester INT,
77        usia INT,
78        alamat VARCHAR(200)
79      );
```

Output

Action Output

#	Time	Action	Message
17	16:21:01	UPDATE buku SET judul = 'UML Dasar' WHERE kode_buku = 'BK01'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
18	16:21:44	INSERT INTO buku (kode_buku, judul, pengarang, penerbit, thn_terbit, harga) VAL...	1 row(s) affected
19	16:22:06	DELETE FROM buku WHERE kode_buku = 'BK05'	1 row(s) affected
20	16:22:39	CREATE DATABASE db_latihan_operator	1 row(s) affected
21	16:22:42	USE db_latihan_operator	0 row(s) affected
22	16:22:54	CREATE TABLE IF NOT EXISTS member (id_member INT AUTO_INCREMENT ...	0 row(s) affected

Limit to 1000 rows

```
86      ('Rani',1,18,'Jl. Rambutan'),
87      ('Rino',5,22,'Jl. Mangga');
88
89      -- 7. Tampilkan seluruh record
90 •    SELECT * FROM member;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
3	Andi Pratama	4	21	Jl. Kenanga
4	Rani	1	18	Jl. Rambutan
5	Rino	5	22	Jl. Mangga
NULL	NULL	NULL	NULL	NULL

member 9 | Apply

Output

Action Output

#	Time	Action	Message
19	16:22:06	DELETE FROM buku WHERE kode_buku = 'BK05'	1 row(s) affected
20	16:22:39	CREATE DATABASE db_latihan_operator	1 row(s) affected
21	16:22:42	USE db_latihan_operator	0 row(s) affected
22	16:22:54	CREATE TABLE IF NOT EXISTS member (id_member INT AUTO_INCREMENT ...	0 row(s) affected
23	16:23:13	INSERT INTO member (nama_member, semester, usia, alamat) VALUES ('Erni Sus...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0
24	16:23:18	SELECT * FROM member LIMIT 0, 1000	5 row(s) returned

```
92    -- 8. Nama = Erni Susanti
93 •  SELECT * FROM member WHERE nama_member = 'Erni Susanti';
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
NULL	NULL	NULL	NULL	NULL

```
95    -- 9. Usia < 21
96 •  SELECT * FROM member WHERE usia < 21;
```

Result Grid | Filter Rows: | Edit:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
4	Rani	1	18	Jl. Rambutan
NULL	NULL	NULL	NULL	NULL

```
98    -- 10. Kecuali Rere Kurnia
99 •  SELECT * FROM member WHERE nama_member <> 'Rere Kurnia';
```

Result Grid | Filter Rows: | Edit: | Export/Import:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
3	Andi Pratama	4	21	Jl. Kenanga
4	Rani	1	18	Jl. Rambutan
5	Rino	5	22	Jl. Mangga
NULL	NULL	NULL	NULL	NULL

```
101   -- 11. Field nama_member, semester, urut semester
102 •  SELECT nama_member, semester FROM member ORDER BY semester;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama_member	semester
Rani	1
Rere Kurnia	2
Erni Susanti	3
Andi Pratama	4
Rino	5

```
104     -- 12. Usia between 19-20
105 •   SELECT nama_member, semester, usia FROM member WHERE usia BETWEEN 19 AND 20;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama_member	semester	usia
Erni Susanti	3	20
Rere Kurnia	2	19

```
107     -- 13. usia > 18 AND semester > 2
108 •   SELECT * FROM member WHERE usia > 18 AND semester > 2;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
3	Andi Pratama	4	21	Jl. Kenanga
5	Rino	5	22	Jl. Mangga
NULL	NULL	NULL	NULL	NULL

```
110     -- 14. usia > 18 OR semester > 2
111 •   SELECT * FROM member WHERE usia > 18 OR semester > 2;
```

Result Grid | Filter Rows: | Edit: | Export/Imp

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
3	Andi Pratama	4	21	Jl. Kenanga
5	Rino	5	22	Jl. Mangga
NULL	NULL	NULL	NULL	NULL

```
113     -- 15. Nama depan huruf R
114 •   SELECT nama_member, alamat FROM member WHERE nama_member LIKE 'R%' ORDER BY nama_member;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama_member	alamat
Rani	Jl. Rambutan
Rere Kurnia	Jl. Mawar
Rino	Jl. Mangga

```
116     -- 16. usia > 18, urut nama desc
117 •   SELECT nama_member, alamat, usia FROM member WHERE usia > 18 ORDER BY nama_member DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama_member	alamat	usia
Rino	Jl. Mangga	22
Rere Kurnia	Jl. Mawar	19
Erni Susanti	Jl. Melati	20
Andi Pratama	Jl. Kenanga	21

```
119     -- 17. LIMIT 4
120 •   SELECT * FROM member LIMIT 4;
121
```

Result Grid | Filter Rows: | Edit:

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
3	Andi Pratama	4	21	Jl. Kenanga
4	Rani	1	18	Jl. Rambutan
NULL	NULL	NULL	NULL	NULL

```
122     -- 18. LIMIT 5 urut semester desc
123 •   SELECT * FROM member ORDER BY semester DESC LIMIT 5;
124
```

Result Grid | Filter Rows: | Edit: | Export/Import:

id_member	nama_member	semester	usia	alamat
5	Rino	5	22	Jl. Mangga
3	Andi Pratama	4	21	Jl. Kenanga
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
4	Rani	1	18	Jl. Rambutan
NULL	NULL	NULL	NULL	NULL

```
125     -- 19. Record ke-2 sampai ke-4
126 •   SELECT * FROM member LIMIT 1,3;
127
```

Result Grid | Filter Rows: | Edit:

id_member	nama_member	semester	usia	alamat
2	Rere Kurnia	2	19	Jl. Mawar
3	Andi Pratama	4	21	Jl. Kenanga
4	Rani	1	18	Jl. Rambutan
NULL	NULL	NULL	NULL	NULL

```sql
-- 20. Record ke-1 sampai ke-4 urut id_member
SELECT * FROM member ORDER BY id_member LIMIT 0,4;
```

Result Grid | Filter Rows: | Edit: | Exp

id_member	nama_member	semester	usia	alamat
1	Erni Susanti	3	20	Jl. Melati
2	Rere Kurnia	2	19	Jl. Mawar
3	Andi Pratama	4	21	Jl. Kenanga
4	Rani	1	18	Jl. Rambutan
NULL	NULL	NULL	NULL	NULL

```sql
-- Buat database
CREATE DATABASE  db_toko;
USE db_toko;

-- Buat tabel brg
CREATE TABLE IF NOT EXISTS brg (
  kode_brg VARCHAR(6) PRIMARY KEY,
  nama_brg VARCHAR(100),
  stok INT,
  harga_brg INT,
  thn_pembuatan INT,
  warna VARCHAR(30)
);
```

Output

Action Output

#	Time	Action	Message
35	16:27:52	SELECT * FROM member ORDER BY semester DESC LIMIT 5	5 row(s) returned
36	16:28:12	SELECT * FROM member LIMIT 1,3	3 row(s) returned
37	16:28:32	SELECT * FROM member ORDER BY id_member LIMIT 0,4	4 row(s) returned
38	16:29:04	CREATE DATABASE db_toko	1 row(s) affected
39	16:29:06	USE db_toko	0 row(s) affected
40	16:29:08	CREATE TABLE IF NOT EXISTS brg (kode_brg VARCHAR(6) PRIMARY KEY, ...	0 row(s) affected

```sql
('BR04','Kipas',90,90000,2000,'Biru'),
('BR05','Monitor',50,450000,1999,'Hitam');

-- 6. Tampilkan semua
SELECT * FROM brg;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | W

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR01	Terminal	150	120000	2003	Hitam
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
BR04	Kipas	90	90000	2000	Biru
BR05	Monitor	50	450000	1999	Hitam
NULL	NULL	NULL	NULL	NULL	NULL

```
162     -- 7. kode_brg, nama_brg, stok urut nama
163 •   SELECT kode_brg, nama_brg, stok FROM brg ORDER BY nama_brg ASC;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_brg	nama_brg	stok
BR03	Cable	180
BR02	Charger	300
BR04	Kipas	90
BR05	Monitor	50
BR01	Terminal	150
NULL	NULL	NULL

```
165     -- 8. nama_barang = Terminal
166 •   SELECT * FROM brg WHERE nama_brg = 'Terminal';
```

Result Grid | Filter Rows: | Edit:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR01	Terminal	150	120000	2003	Hitam
NULL	NULL	NULL	NULL	NULL	NULL

```
168     -- 9. nama_barang awalan C
169 •   SELECT * FROM brg WHERE nama_brg LIKE 'C%';
170
171     -- 10. stok < 200
172 •   SELECT kode_brg, nama_brg, harga_brg, stok FROM
```

Result Grid | Filter Rows: | Edit:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
NULL	NULL	NULL	NULL	NULL	NULL

```
171     -- 10. stok < 200
172 •   SELECT kode_brg, nama_brg, harga_brg, stok FROM brg WHERE stok < 200;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_brg	nama_brg	harga_brg	stok
BR01	Terminal	120000	150
BR03	Cable	15000	180
BR04	Kipas	90000	90
BR05	Monitor	450000	50
NULL	NULL	NULL	NULL

```
174     -- 11. Tahun 2002-2006
175 •   SELECT * FROM brg WHERE thn_pembuatan BETWEEN 2002 AND 2006;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR01	Terminal	150	120000	2003	Hitam
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
NULL	NULL	NULL	NULL	NULL	NULL

```
177     -- 12. LIMIT 3
178 •   SELECT * FROM brg LIMIT 3;
```

Result Grid | Filter Rows: | Edit: | Ex

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR01	Terminal	150	120000	2003	Hitam
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
NULL	NULL	NULL	NULL	NULL	NULL

```
180     -- 13. stok < 200 AND tahun 2000
181 •   SELECT * FROM brg WHERE stok < 200 AND thn_pembuatan = 2000;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR04	Kipas	90	90000	2000	Biru
NULL	NULL	NULL	NULL	NULL	NULL

```
183     -- 14. Record 2-4
184 •   SELECT * FROM brg ORDER BY kode_brg LIMIT 1,3;
```

Result Grid | Filter Rows: | Edit:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
BR04	Kipas	90	90000	2000	Biru
NULL	NULL	NULL	NULL	NULL	NULL

```sql
-- 15. kecuali BR05
SELECT * FROM brg WHERE kode_brg <> 'BR05';
```

Result Grid | Filter Rows: | Edit:

kode_brg	nama_brg	stok	harga_brg	thn_pembuatan	warna
BR01	Terminal	150	120000	2003	Hitam
BR02	Charger	300	25000	2005	Putih
BR03	Cable	180	15000	2002	Merah
BR04	Kipas	90	90000	2000	Biru
NULL	NULL	NULL	NULL	NULL	NULL

```sql
-- PRAKTIKUM 17 – AGREGASI

CREATE DATABASE db_dml_operator;
USE db_dml_operator;

-- Tabel pengajar
CREATE TABLE IF NOT EXISTS pengajar (
  id_pengajar INT AUTO_INCREMENT PRIMARY KEY,
  nama VARCHAR(100),
  sks INT,
  gaji INT,
  kota_asal VARCHAR(50)
);
```

Output

Action Output

#	Time	Action
49	16:32:24	SELECT * FROM brg WHERE stok < 200 AND thn_pembuatan = 2000 LIMIT 0, 10...
50	16:32:42	SELECT * FROM brg ORDER BY kode_brg LIMIT 1,3
51	16:32:59	SELECT * FROM brg WHERE kode_brg <> 'BR05' LIMIT 0, 1000
52	16:33:28	CREATE DATABASE db_dml_operator
53	16:33:31	USE db_dml_operator
54	16:33:38	CREATE TABLE IF NOT EXISTS pengajar (id_pengajar INT AUTO_INCREMEN...

```
211     ('Guru C',5,3500000,'Denpasar'),
212     ('Guru D',2,2000000,'Gianyar');
213
214     -- 7. Semua record urut desc gaji
215 •   SELECT * FROM pengajar ORDER BY gaji DESC;
```

Result Grid | Filter Rows: | Edit:

id_pengajar	nama	sks	gaji	kota_asal
3	Guru C	5	3500000	Denpasar
1	Guru A	4	3000000	Denpasar
2	Guru B	3	2500000	Singaraja
4	Guru D	2	2000000	Gianyar
NULL	NULL	NULL	NULL	NULL

```
217     -- 8. rata gaji
218 •   SELECT AVG(gaji) AS rata_gaji FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap

rata_gaji
2750000.0000

```
220     -- 9. gaji terendah
221 •   SELECT MIN(gaji) AS gaji_terendah FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Co

gaji_terendah
2000000

```
223     -- 10. total gaji
224 •   SELECT SUM(gaji) AS total_gaji FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap

total_gaji
11000000

```
226     -- 11. total gaji pengajar sks > 3
227 •   SELECT SUM(gaji) AS total_gaji_sks_lebih3 FROM pengajar WHERE sks > 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

total_gaji_sks_lebih3
6500000

```
229     -- 12. distinct kota_asal
230 •   SELECT DISTINCT kota_asal FROM pengajar ORDER BY kota_asal;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

kota_asal
Denpasar
Gianyar
Singaraja

```
232     -- 13. alias rata_gaji
233 •   SELECT AVG(gaji) AS rata_gaji FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wra

rata_gaji
2750000.0000

```
235     -- 14. alias tabel tp
236 •   SELECT tp.nama, tp.sks, tp.gaji FROM pengajar AS tp;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conte

nama	sks	gaji
Guru A	4	3000000
Guru B	3	2500000
Guru C	5	3500000
Guru D	2	2000000

```sql
-- 17. hasil = sks * gaji
SELECT nama, sks, gaji, (sks * gaji) AS hasil FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama	sks	gaji	hasil
Guru A	4	3000000	12000000
Guru B	3	2500000	7500000
Guru C	5	3500000	17500000
Guru D	2	2000000	4000000

```sql
-- 18. bonus = sks * 100000
SELECT nama, sks, (sks * 100000) AS bonus FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama	sks	bonus
Guru A	4	400000
Guru B	3	300000
Guru C	5	500000
Guru D	2	200000

```sql
-- 19. gaji terbesar
SELECT MAX(gaji) AS gaji_terbesar FROM pengajar;
```

Result Grid | Filter Rows: | Export: | Wrap Cell C

gaji_terbesar
3500000

```sql
-- 20. tunjangan = sks * 250000
SELECT nama, sks, (sks * 250000) AS tunjangan FROM pengajar ORDER BY tunjangan DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

nama	sks	tunjangan
Guru C	5	1250000
Guru A	4	1000000
Guru B	3	750000
Guru D	2	500000