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Perintah-perintah SQL percobaan di atas beserta outputnya

1. Membuat database

```
CREATE DATABASE Praktikum4;
```

2. Masuk ke database

```
Use Praktikum4;
```

3. Membuat table

```
CREATE TABLE data_pegawai (
idpegawai VARCHAR(4) NOT NULL,
nama_depan TEXT(10) NOT NULL,
nama_belakang TEXT(10) NOT NULL,
email TEXT(20) NOT NULL,
telepon VARCHAR(12) NOT NULL,
tgl_kontrak VARCHAR(10) NOT NULL,
id_job VARCHAR(5) NOT NULL,
gaji VARCHAR(7) NOT NULL,
tunjangan VARCHAR(6) NOT NULL
);
```

4. Menjadikan nim sebagai primary key

```
ALTER TABLE data pegawai ADD PRIMARY KEY(idpegawai);
```

5. Mengisi table data\_pegawai

```
INSERT INTO data_pegawai

VALUES ('E001', 'Ferry', 'gustiawan', 'ferry@yahoo.com', '07117059004', '2005-09-01', 'L0001',
'2000000', '500000');

INSERT INTO data_pegawai

VALUES ('E002', 'aris', 'ginardi', 'aris@yahoo.com', '081312345678', '2006-09-01', 'L0002',
'2000000', '200000');

INSERT INTO data_pegawai

VALUES ('E003', 'faiz', 'ahnad', 'faiz@gmail.com', '081367384322', '2006-10-01', 'L0003', '1500000',
'NULL');

INSERT INTO data_pegawai

VALUES ('E004', 'emna', 'bunton', 'enna@gmail.com', '081363484342', '2006-10-01', 'L0004',
'1500000', '9');

INSERT INTO data_pegawai

VALUES ('E005', 'mike', 'scolf', 'mike@plasa.com', '08163454555', '2007-09-01', 'L0005', '1250000',
'9');
```

INSERT INTO data\_pegawai

VALUES ('E006', 'lincoln', 'borrows', 'linc@yahoo.com', '08527388432', '2008-09-01', 'L0006',
'1750000', 'NULL');

6. Menampilkan pegawai yang gajinya bukan 2.000.000 dan 1.250.000

			SELECT * FROM data_pegawai WHERE gaji<>'2000000' AND gaji<>'1250000';								
awai nama_depan	nama_belakang	email	telepon	tgl_kontrak	id_job	gaji	tunjangan				
faiz	ahnad	faiz@gmail.com	081367384322	2006-10-01	L0003	1500000	NULL				
emna	bunton	enna@gmail.com	081363484342	2006-10-01	L0004	1500000	9				
lincoln	borrows	linc@yahoo.com	08527388432	2008-09-01	L0006	1750000	NULL				
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL				
	faiz emna lincoln	faiz ahnad emna bunton lincoln borrows	faiz ahnad faiz@gmail.com emna bunton enna@gmail.com lincoln borrows linc@yahoo.com	faiz         ahnad         faiz@gmail.com         081367384322           emna         bunton         enna@gmail.com         081363484342           lincoln         borrows         linc@yahoo.com         08527388432	faiz         ahnad         faiz@gmail.com         081367384322         2006-10-01           emna         bunton         enna@gmail.com         081363484342         2006-10-01           lincoln         borrows         linc@yahoo.com         08527388432         2008-09-01	faiz         ahnad         faiz@gmail.com         081367384322         2006-10-01         L0003           emna         bunton         enna@gmail.com         081363484342         2006-10-01         L0004           lincoln         borrows         linc@yahoo.com         08527388432         2008-09-01         L0006	faiz         ahnad         faiz@gmail.com         081367384322         2006-10-01         L0003         1500000           emna         bunton         enna@gmail.com         081363484342         2006-10-01         L0004         1500000           lincoln         borrows         linc@yahoo.com         08527388432         2008-09-01         L0006         1750000				

7. Menampilkan pegawai yang tunjangannya NULL



8. Menampilkan pegawai yang tunjangannya tidak NULL



9. Menampilkan/menghitung jumlah baris/record table pegawai

SELECT COUNT(idpegawai) FROM data\_pegawai;



10. Menampilkan/menghitung jumlah total gaji di tabel pegawai

SELECT SUM(gaji) AS JUMLAH FROM data\_pegawai;

	JUMLAH
<b>•</b>	10000000

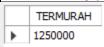
11. Menampilkan/menghitung rata-rata gaji pegawai

SELECT AVG(gaji) AS RATARATA FROM data\_pegawai;

	RATARATA
•	1666666.666666667

12. Menampilkan gaji terkecil

SELECT MIN(gaji) AS TERMURAH FROM data\_pegawai;



## 13. Menampilkan gaji terbesar

SELECT MAX(gaji) AS TERMAHAL FROM data\_pegawai;

	TERMAHAL			
•	2000000			

## **Outputnya**

	idpegawai	nama_depan	nama_belakang	email	telepon	tgl_kontrak	id_job	gaji	tunjangan
•	E001	Ferry	gustiawan	ferry@yahoo.com	07117059004	2005-09-01	L0001	2000000	500000
	E002	aris	ginardi	aris@yahoo.com	081312345678	2006-09-01	L0002	2000000	200000
	E003	faiz	ahnad	faiz@gmail.com	081367384322	2006-10-01	L0003	1500000	NULL
	E004	emna	bunton	enna@gmail.com	081363484342	2006-10-01	L0004	1500000	9
	E005	mike	scolf	mike@plasa.com	08163454555	2007-09-01	L0005	1250000	9
	E006	lincoln	borrows	linc@yahoo.com	08527388432	2008-09-01	L0006	1750000	NULL
	NULL	NULL	NULL	NULL	HULL	NULL	NULL	NULL	NULL