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Berikut adalah Sql Code untuk Video Youtube Praktikum 3

1. Buat Database baru dengan nama "Karyawan"

```
mysql> CREATE DATABASE Karyawan;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> USE Karyawan;  
Database changed
```

2. Buat tabel dengan nama "Pegawai"

```
mysql> CREATE TABLE Pegawai  
-> (idpegawai char(4) primary key,  
-> nama_depan varchar(10) not null,  
-> nama_belakang varchar(10) not null,  
-> email varchar(50) not null,  
-> telepon char(15) not null,  
-> tgl_kontrak date not null,  
-> idjob char(5) not null,  
-> gaji char(15) not null,  
-> tunjangan char(15) null);  
Query OK, 0 rows affected (0.25 sec)
```

3. Masukkan Data Pegawai Ke tabel

```
mysql> INSERT INTO Pegawai  
-> values  
-> ("E001", "fery", "gustiawan", "fery@yahoo.com", "02117059004",  
"2005-09-01", "L0001", "2000000", "500000"),  
-> ("E002", "aris", "ganiardi", "aris@yahoo.com", "081312345678",  
"2006-09-01", "L0002", "2000000", "200000"),  
-> ("E003", "faiz", "ahmad", "faiz@yahoo.com", "08134526787", "2006-10-01",  
"L0003", "1500000", "NULL"),  
-> ("E004", "emma", "bunton", "emma@yahoo.com", "08134526272", "2006-10-01",  
"L0004", "1500000", "0"),  
-> ("E005", "mike", "scoff", "scoff@yahoo.com", "087987876543",  
"2007-09-01", "L0005", "1250000", "0"),  
-> ("E006", "lincoln", "burrous", "mike@yahoo.com", "089678766546",  
"2008-09-01", "L0006", "1750000", "NULL");  
Query OK, 6 rows affected (0.06 sec)  
Records: 6 Duplicates: 0 Warnings: 0
```

```
mysql> SELECT * FROM Pegawai;
```

idpegawai	nama_depan	nama_belakang	email	telepon	tgl_kontrak	idjob	gaji	tunjangan
E001	fery	gustiawan	fery@yahoo.com	02117059004	2005-09-01	L0001	2000000	500000
E002	aris	ganiardi	aris@yahoo.com	081312345678	2006-09-01	L0002	2000000	200000
E003	faiz	ahmad	faiz@yahoo.com	08134526787	2006-10-01	L0003	1500000	NULL

E004	emma	bunton	emma@yahoo.com	08134526272
2006-10-01	L0004	1500000	0	
E005	mike	scoff	scoff@yahoo.com	087987876543
2007-09-01	L0005	1250000	0	
E006	lincoln	burrous	mike@yahoo00.com	089678766546
2008-09-01	L0006	1750000	NULL	

SOAL##////////////////

1. Tampilkan pegawai yang gajinya bukan 2.000.000 dan 1.250.000 !

```
mysql> select*from pegawai
-> where gaji <>"2000000"
-> and gaji <>"1250000";
```

idpegawai	nama_depan	nama_belakang	email	telepon
tgl_kontrak	idjob	gaji	tunjangan	
E003	faiz	ahmad	faiz@yahoo.com	08134526787
2006-10-01	L0003	1500000	NULL	
E004	emma	bunton	emma@yahoo.com	08134526272
2006-10-01	L0004	1500000	0	
E006	lincoln	burrous	mike@yahoo00.com	089678766546
2008-09-01	L0006	1750000	NULL	

2. Tampilkan pegawai yang tunjangannya NULL!

```
mysql> SELECT * FROM PEGAWAI
-> WHERE tunjangan ="NULL";
```

idpegawai	nama_depan	nama_belakang	email	telepon
tgl_kontrak	idjob	gaji	tunjangan	
E003	faiz	ahmad	faiz@yahoo.com	08134526787
2006-10-01	L0003	1500000	NULL	
E006	lincoln	burrous	mike@yahoo00.com	089678766546
2008-09-01	L0006	1750000	NULL	

3. Tampilkan pegawai yang tunjangannya tidak NULL!

```
mysql> SELECT * FROM Pegawai
-> WHERE tunjangan <>"NULL";
```

idpegawai	nama_depan	nama_belakang	email	telepon
tgl_kontrak	idjob	gaji	tunjangan	

idpegawai	nama_depan	nama_belakang	email	telepon
tgl_kontrak	idjob	gaji	tunjangan	
E001	fery	gustiawan	fery@yahoo.com	02117059004
2005-09-01	L0001	2000000	500000	
E002	aris	ganiardi	aris@yahoo.com	081312345678
2006-09-01	L0002	2000000	200000	
E004	emma	bunton	emma@yahoo.com	08134526272
2006-10-01	L0004	1500000	0	
E005	mike	scoff	scoff@yahoo.com	087987876543
2007-09-01	L0005	1250000	0	

4. Tampilkan/hitung jumlah baris/record tabel pegawai!

```
mysql> select count(*) from pegawai;
+-----+
| count(*) |
+-----+
|          6 |
+-----+
```

5. Tampilkan/hitung jumlah total gaji di tabel pegawai!

```
mysql> SELECT SUM(gaji) FROM Pegawai;
+-----+
| SUM(gaji) |
+-----+
| 10000000 |
+-----+
```

6. Tampilkan/hitung rata-rata gaji pegawai!

```
mysql> SELECT AVG (GAJI) FROM Pegawai;
+-----+
| AVG (GAJI) |
+-----+
| 1666666.666666667 |
+-----+
```

7. Tampilkan gaji terkecil!

```
mysql> SELECT MIN(GAJI) FROM pegawai;
+-----+
| MIN(GAJI) |
+-----+
| 1250000 |
+-----+
```

8. Tampilkan gaji terbesar!

```
mysql> SELECT MAX(GAJI) FROM pegawai;
+-----+
```

	MAX (GAJI)	
+-----+		
	2000000	
+-----+		