Tugas Praktikum

1. Tampilkan pegawai yang gajinya bukan 2.000.000 dan 1.250.000 !
2. Tampilkan pegawai yang tunjangannya NULL!
3. Tampilkan pegawai yang tunjangannya tidak NULL!
4. Tampilkan/hitung jumlah baris/record tabel pegawai!
5. Tampilkan/hitung jumlah total gaji di tabel pegawai!
6. Tampilkan/hitung rata-rata gaji pegawai!
7. Tampilkan gaji terkecil!
8. Tampilkan gaji terbesar!

```
Administrator: C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
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C:\Users\Asep Hendra>cd/xampp/mysql/bin

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 4
Server version: 10.1.32-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| asep1              |
| information_schema |
| latihan1           |
| latihan2           |
| latihan3           |
| mysql              |
| performance_schema |
| phpmyadmin         |
| test               |
+--------------------+
9 rows in set (0.00 sec)

MariaDB [(none)]> use latihan3;
Database changed
MariaDB [latihan3]> desc pegawai;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| id_pegawai   | varchar(8)  | YES  |     | NULL    |       |
| nama_depan   | varchar(20) | YES  |     | NULL    |       |
| nama_belakang| varchar(20) | YES  |     | NULL    |       |
| email        | varchar(10) | YES  |     | NULL    |       |
| tlp          | varchar(12) | YES  |     | NULL    |       |
| tgl_kontrak  | date        | YES  |     | NULL    |       |
| id_job       | varchar(10) | YES  |     | NULL    |       |
| gaji         | int(20)     | YES  |     | NULL    |       |
| tunjangan    | int(20)     | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
9 rows in set (0.08 sec)

MariaDB [latihan3]> insert into pegawai (id_pegawai,nama_depan,nama_belakang,email,tlp,tgl_kontrak,id_job,gaji,tunjangan) values
    -> ("E001","Ferry","gustiawan","ferry@yahoo.com","08117059004","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","081367384322","2006-10-01","L0003","1500000",null),
    -> ("E004","Emma","bunton","emma@gmail.com","081363484342","2006-10-01","L0004","1500000","0"),
    -> ("E005","Nike","scoff","nike@plasa.com","08163454555","2007-09-01","L0005","1250000","0"),
    -> ("E006","Lincoln","burrows","linc@yahoo.com","08527388432","2008-09-01","L0006","1750000",null);
Query OK, 6 rows affected, 6 warnings (0.07 sec)
Records: 6  Duplicates: 0  Warnings: 6

MariaDB [latihan3]> select * from pegawai;
```

```
Administrator: C:\Windows\system32\cmd.exe

MariaDB [latihan3]> select * from pegawai;
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| id_pegawai | nama_depan | nama_belakang | email      | tlp          | tgl_kontrak | id_job | gaji    | tunjangan |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| E001       | Ferry      | gustiawan     | ferry@yaho | 08117059004  | 2005-09-01  | L0001  | 2000000 |    500000 |
| E002       | Aris       | ganiardi      | aris@yahoo | 081312345678 | 2006-09-01  | L0002  | 2000000 |    200000 |
| E003       | Faiz       | ahmad         | faiz@yahoo | 081367384322 | 2006-10-01  | L0003  | 1500000 |      NULL |
| E004       | Emma       | bunton        | emma@gmail | 081363484342 | 2006-10-01  | L0004  | 1500000 |         0 |
| E005       | Nike       | scoff         | nike@plasa | 08163454555  | 2007-09-01  | L0005  | 1250000 |         0 |
| E006       | Lincoln    | burrows       | linc@yahoo | 08527388432  | 2008-09-01  | L0006  | 1750000 |      NULL |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
6 rows in set (0.00 sec)

MariaDB [latihan3]> select * from pegawai where gaji !=2000000 and gaji !=1250000;
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| id_pegawai | nama_depan | nama_belakang | email      | tlp          | tgl_kontrak | id_job | gaji    | tunjangan |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| E003       | Faiz       | ahmad         | faiz@yahoo | 081367384322 | 2006-10-01  | L0003  | 1500000 |      NULL |
| E004       | Emma       | bunton        | emma@gmail | 081363484342 | 2006-10-01  | L0004  | 1500000 |         0 |
| E006       | Lincoln    | burrows       | linc@yahoo | 08527388432  | 2008-09-01  | L0006  | 1750000 |      NULL |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
3 rows in set (0.00 sec)

MariaDB [latihan3]> select * from pegawai where tunjangan is null;
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| id_pegawai | nama_depan | nama_belakang | email      | tlp          | tgl_kontrak | id_job | gaji    | tunjangan |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| E003       | Faiz       | ahmad         | faiz@yahoo | 081367384322 | 2006-10-01  | L0003  | 1500000 |      NULL |
| E006       | Lincoln    | burrows       | linc@yahoo | 08527388432  | 2008-09-01  | L0006  | 1750000 |      NULL |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
2 rows in set (0.00 sec)

MariaDB [latihan3]> select * from pegawai where tunjangan is not null;
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| id_pegawai | nama_depan | nama_belakang | email      | tlp          | tgl_kontrak | id_job | gaji    | tunjangan |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
| E001       | Ferry      | gustiawan     | ferry@yaho | 08117059004  | 2005-09-01  | L0001  | 2000000 |    500000 |
| E002       | Aris       | ganiardi      | aris@yahoo | 081312345678 | 2006-09-01  | L0002  | 2000000 |    200000 |
| E004       | Emma       | bunton        | emma@gmail | 081363484342 | 2006-10-01  | L0004  | 1500000 |         0 |
| E005       | Nike       | scoff         | nike@plasa | 08163454555  | 2007-09-01  | L0005  | 1250000 |         0 |
+------------+------------+---------------+------------+--------------+-------------+--------+---------+-----------+
4 rows in set (0.00 sec)

MariaDB [latihan3]> select count(id_pegawai) from pegawai;
+-------------------+
| count(id_pegawai) |
+-------------------+
|                 6 |
+-------------------+
1 row in set (0.00 sec)

MariaDB [latihan3]> select sum(gaji) from pegawai;
+-----------+
| sum(gaji) |
+-----------+
|  10000000 |
+-----------+
1 row in set (0.00 sec)
```

```
MariaDB [latihan3]> select sum(gaji) from pegawai;
+-----------+
| sum(gaji) |
+-----------+
|  10000000 |
+-----------+
1 row in set (0.00 sec)

MariaDB [latihan3]> select avg(gaji) as rata2_gaji from pegawai;
+------------+
| rata2_gaji |
+------------+
| 1666666.6667 |
+------------+
1 row in set (0.00 sec)

MariaDB [latihan3]> select min(gaji) as gaji_terkecil from pegawai;
+---------------+
| gaji_terkecil |
+---------------+
|       1250000 |
+---------------+
1 row in set (0.00 sec)

MariaDB [latihan3]> select max(gaji) as gaji_terbesar from pegawai;
+---------------+
| gaji_terbesar |
+---------------+
|       2000000 |
+---------------+
1 row in set (0.00 sec)

MariaDB [latihan3]> exit;
Bye

C:\xampp\mysql\bin>
```