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## TUGAS SQL “DDL & DML”

Tugas : Tuliskan SQL untuk query-query berikut

1. Tampilkan daftar nama pegawai yang jabatannya ‘Salesman’:  
**select nama as nama\_pegawai\_jabatan\_salesman from emp where jabatan='SALESMAN';**

```
MariaDB [tgs_bd]> select nama as nama_pegawai_jabatan_salesman from emp where jabatan='SALESMAN';
+-----+
| nama_pegawai_jabatan_salesman |
+-----+
| ALLEN                          |
| WARD                           |
| MARTIN                        |
| TURNER                        |
+-----+
4 rows in set (0.152 sec)
```

2. Tampilkan gaji terbesar dari tabel pegawai :  
**select max(gaji) as gaji\_terbesar from emp;**

```
MariaDB [tgs_bd]> select max(gaji) as gaji_terbesar from emp;
+-----+
| gaji_terbesar |
+-----+
|          5000 |
+-----+
1 row in set (0.007 sec)
```

3. Tampilkan jumlah pegawai per jabatan dengan tampilan sebagai berikut :  
**select jabatan, count(\*) as jml\_pegawai from emp group by jabatan;**

```
MariaDB [tgs_bd]> select jabatan, count(*) as jml_pegawai from emp group by jabatan;
+-----+-----+
| jabatan | jml_pegawai |
+-----+-----+
| ANALYST |          2 |
| CLERK   |          4 |
| MANAGER |          3 |
| PRESIDENT |          1 |
| SALESMAN |          4 |
+-----+-----+
5 rows in set (0.006 sec)
```

4. Tampilkan jumlah gaji pegawai per jabatan dengan tampilanurut berdasarkan jml\_gaji secara descending sebagai berikut :

**select jabatan, gaji as jml\_gaji from emp order by gaji desc;**

```
MariaDB [tgs_bd]> select jabatan, gaji as jml_gaji from emp order by gaji desc;
+-----+-----+
| jabatan | jml_gaji |
+-----+-----+
| PRESIDENT | 5000 |
| ANALYST | 3000 |
| ANALYST | 3000 |
| MANAGER | 2850 |
| MANAGER | 2450 |
| MANAGER | 1975 |
| SALESMAN | 1600 |
| SALESMAN | 1500 |
| CLERK | 1300 |
| SALESMAN | 1250 |
| SALESMAN | 1250 |
| CLERK | 1100 |
| CLERK | 950 |
| CLERK | 800 |
+-----+-----+
14 rows in set (0.003 sec)
```

5. Tampilkan daftar nama pegawai yang nama departemennya 'Accounting' :

**select nama as daftar\_nama\_pegawai\_bagian\_accounting from emp natural join dept where namadept='Accounting';**

```
MariaDB [tgs_bd]> select nama as daftar_nama_pegawai_bagian_accounting from emp natural join dept where namadept='Accounting';
+-----+-----+
| daftar_nama_pegawai_bagian_accounting |
+-----+-----+
| SMITH |
| JONES |
| SCOT |
| ADAMS |
| FORD |
+-----+-----+
5 rows in set (0.005 sec)
```

6. Tampilkan jumlah pegawai per departemen dengan tampilan sebagai berikut :

**select namadept, count(\*) as jml\_pegawai from emp natural join dept group by namadept;**

```
MariaDB [tgs_bd]> select namadept, count(*) as jml_pegawai from emp natural join dept group by namadept;
+-----+-----+
| namadept | jml_pegawai |
+-----+-----+
| Accounting | 5 |
| Research | 6 |
| Sales | 3 |
+-----+-----+
3 rows in set (0.011 sec)
```