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Kelompok : 4212

TUGAS SQL “DDL & DML”

Tugas : Tuliskan SQL untuk query-query berikut

1. Tampilkan daftar nama pegawai yang jabatannya ‘Salesman’

Jawab :

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

Jawab :

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

Jawab :

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

Jawab :

select jabatan, gaji+bonus from emp order by gaji desc;

```
MariaDB [tgs_bd]> select jabatan, gaji+bonus from emp order by gaji desc;
```

jabatan	gaji+bonus
PRESIDENT	5000
ANALYST	3000
ANALYST	3000
MANAGER	2850
MANAGER	2450
MANAGER	1975
SALESMAN	1900
SALESMAN	1500
CLERK	1300
SALESMAN	2650
SALESMAN	1750
CLERK	1100
CLERK	950
CLERK	800

```
14 rows in set (0.113 sec)
```

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

Jawab :

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

Jawab :

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)
```