

Name : Gayathri Devi Kuppusamy

ID : 11954

Day 3 : 03.10.2023

Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 8.0.33 MySQL Community Server - GPL

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

```
mysql> show databases;
```

```
+-----+
| Database          |
+-----+
| assignments       |
| day1_mysqlatabase |
| day4assignment    |
| gayathrikuppusamy |
| information_schema|
| mysql             |
| mysql_day1        |
| performance_schema|
| railwayreservationsystem|
| sakila            |
| sys              |
| trialdbdesign      |
| vehicle_management_system|
| world            |
+-----+
```

14 rows in set (0.03 sec)

```
mysql> use day1_mysqlatabase;
```

Database changed

```
mysql> show tables;
```

```
+-----+
| Tables_in_day1_mysqlatabase |
+-----+
```

tbl_agents	
tbl_customers	
tbl_dept	
tbl_employee	
tbl_employee1	
tbl_employee2	
tbl_myview	
tbl_student	

+-----+

8 rows in set (0.02 sec)

mysql> select \* from tbl\_employee;

+-----+

eid	ename	esal	dno
-----	-------	------	-----

+-----+

101	Gayathri	1000	10
-----	----------	------	----

102	Devi	1000	20
-----	------	------	----

+-----+

2 rows in set (0.02 sec)

mysql> select count(\*) from tbl\_employee;

+-----+

count(*)
----------

+-----+

2
---

+-----+

1 row in set (0.01 sec)

mysql> select dno , count(\*) from tbl\_employee1 group by dno;

+-----+

dno	count(*)
-----	----------

+-----+

10	3
----	---

20	4
----	---

+-----+

2 rows in set (0.01 sec)

mysql> select dno as "Department No" , count(\*) as "No of Employees" from tbl\_employee1 group by dno;

+-----+

Department No	No of Employees
---------------	-----------------

+-----+

10	3
----	---

20	4
----	---

```
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select dno as "Department No" , count(*) as "No of Employees" from tbl_employee1
group by dno order by dno desc;
```

```
+-----+-----+
| Department No | No of Employees |
+-----+-----+
|          20 |          4 |
|          10 |          3 |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select sum(dno) from tbl_employee1;
```

```
+-----+
| sum(dno) |
+-----+
|      110 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select avg(dno) from tbl_employee1;
```

```
+-----+
| avg(dno) |
+-----+
| 15.7143 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select min(dno) from tbl_employee1
-> ;
```

```
+-----+
| min(dno) |
+-----+
|      10 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select max(dno) from tbl_employee1;
```

```
+-----+
| max(dno) |
+-----+
|      20 |
+-----+
```

1 row in set (0.00 sec)

```
mysql> select dno , sum(dno) from tbl_employee1 group by dno;
```

```
+-----+-----+
| dno | sum(dno) |
+-----+-----+
| 10 | 30 |
| 20 | 80 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno , avg(dno) from tbl_employee1 group by dno;
```

```
+-----+-----+
| dno | avg(dno) |
+-----+-----+
| 10 | 10.0000 |
| 20 | 20.0000 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno , min(dno) from tbl_employee1 group by dno;
```

```
+-----+-----+
| dno | min(dno) |
+-----+-----+
| 10 | 10 |
| 20 | 20 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno , max(dno) from tbl_employee1 group by dno;
```

```
+-----+-----+
| dno | max(dno) |
+-----+-----+
| 10 | 10 |
| 20 | 20 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , sum(dno) as "Sum of the No of Employees" from
tbl_employee1 group by dno;
```

```
+-----+-----+
| Department No | Sum of the No of Employees |
+-----+-----+
| 10 | 30 |
```

20	80
----	----

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , min(dno) as "Min of the DNO" from tbl_employee1
group by dno;
```

Department No	Min of the DNO
10	10
20	20

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , max(dno) as "Max of the dnos" from tbl_employee1
group by dno;
```

Department No	Max of the dnos
10	10
20	20

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , sum(dno) as "Sum of the Nos of Employees" from
tbl_employee1 group by dno order by dno desc;
```

Department No	Sum of the Nos of Employees
20	80
10	30

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , sum(dno) as "Avg for the Employess" from
tbl_employee1 group by dno order by dno desc;
```

Department No	Avg for the Employess
20	80
10	30

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , avg(dno) as "Avg for the Employees" from
tbl_employee1 group by dno order by dno desc;
```

```
+-----+-----+
| Department No | Avg for the Employees |
+-----+-----+
|          20 |          20.0000 |
|          10 |          10.0000 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , min(dno) as "Min of the dno" from tbl_employee1 group
by dno order by dno desc;
```

```
+-----+-----+
| Department No | Min of the dno |
+-----+-----+
|          20 |          20 |
|          10 |          10 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select dno as "Department No" , max(dno) as "Max of the dnos" from tbl_employee1
group by dno order by dno desc;
```

```
+-----+-----+
| Department No | Max of the dnos |
+-----+-----+
|          20 |          20 |
|          10 |          10 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql>
```