

## Assignment – 9 (Views)

Write SQL queries for the following:

employee\_details (id, first\_name, last\_name, dob, address, email, post, salary)

(id int

dob date

address text

salary decimal)

Views:

1. Create a view employee\_basic\_info which will show only the basic information of the employees. (first\_name, last\_name, address, email)

```
MariaDB [dbms_practice]> create view employee_basic_info AS select first_name, last_name, address, email from employee_details;
Query OK, 0 rows affected (0.072 sec)

MariaDB [dbms_practice]> select *from employee_basic_info;
+-----+-----+-----+-----+
| first_name | last_name | address | email |
+-----+-----+-----+-----+
| himal      | oli       | rolpa   | olihimal604@gmail.com |
| sagar      | rawat     | salyan  | motisagr@gmail.com    |
+-----+-----+-----+-----+
2 rows in set (0.002 sec)
```

2. Create a view highest\_paid\_employee which will store the details of the first five highest paid employees all details.

```
MariaDB [dbms_practice]> create view highest_paid_employee AS select first_name, last_name, address, email, salary from employee_details order by salary desc limit 2;
Query OK, 0 rows affected (0.074 sec)

MariaDB [dbms_practice]> select *from highest_paid_employee;
+-----+-----+-----+-----+-----+
| first_name | last_name | address | email | salary |
+-----+-----+-----+-----+-----+
| himal      | oli       | rolpa   | olihimal604@gmail.com | 2000000.00 |
| sagar      | rawat     | salyan  | motisagr@gmail.com    | 2000000.00 |
+-----+-----+-----+-----+-----+
2 rows in set (0.079 sec)
```

3. Add one more column post in the employee\_basic\_info view

```
MariaDB [dbms_practice]> create or replace view employee_basic_info AS select first_name, last_name, address, email, post from employee_details;
Query OK, 0 rows affected (0.072 sec)

MariaDB [dbms_practice]> select *from employee_basic_info;
+-----+-----+-----+-----+-----+
| first_name | last_name | address | email | post |
+-----+-----+-----+-----+-----+
| himal      | oli       | rolpa   | olihimal604@gmail.com | manager |
| sagar      | rawat     | salyan  | motisagr@gmail.com    | manager |
+-----+-----+-----+-----+-----+
2 rows in set (0.001 sec)
```

4. Create a view emp\_imp which will store post and email address of the employee.

```
MariaDB [dbms_practice]> create view emp_imp AS select post, email from employee_details;
Query OK, 0 rows affected (0.072 sec)

MariaDB [dbms_practice]> select *from emp_imp;
+-----+-----+
| post  | email                               |
+-----+-----+
| manager | olihimal604@gmail.com |
| manager | motisagr@gmail.com    |
+-----+-----+
2 rows in set (0.001 sec)
```

5. Delete the emp\_imp view.

```
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pa
MariaDB [dbms_practice]> drop view emp_imp;
Query OK, 0 rows affected (0.001 sec)
```