***VIEWS AND AUTHORIZATION***

**Views:-**

1) Create a view to select blood bank manager's name,salary and address as well as blood bank number in which he is working group by blood bank number.

mysql> create view emp\_temp

-> as select name, address, salary, bno

-> from blood\_bank, blood\_bank\_manager

-> where bno=blood\_bank\_no

-> group by bno;

Query OK, 0 rows affected (0.08 sec)

mysql> desc emp\_temp;

+---------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+-------------+------+-----+---------+-------+

| name | varchar(20) | YES | | NULL | |

| address | varchar(50) | YES | | NULL | |

| salary | int(10) | YES | | NULL | |

| bno | int(11) | YES | | NULL | |

+---------+-------------+------+-----+---------+-------+

4 rows in set (0.02 sec)

2) Display all records of a view.

mysql> select \* from emp\_temp;

+--------+------------+--------+------+

| name | address | salary | bno |

+--------+------------+--------+------+

| xyza | andheri | 50000 | 1 |

| yza | malad | 75000 | 2 |

| yzab | andheri | 60000 | 3 |

| x=yza | vile parle | 75000 | 4 |

| xaayza | andheri | 75000 | 5 |

+--------+------------+--------+------+

5 rows in set (0.00 sec)

3) Delete the view emp\_temp.

mysql> drop view emp\_temp;

Query OK, 0 rows affected (0.00 sec)

mysql> desc emp\_temp;

ERROR 1146 (42S02): Table 'blood\_bank.emp\_temp' doesn't exist

**Authorization**:-

4) Creating user and grant privileges.

mysql> grant usage on \*.\* to dd@localhost identified by '1234';

Query OK, 0 rows affected, 1 warning (0.06 sec)

mysql> SELECT user FROM mysql.user;

+-----------+

| user |

+-----------+

| akshay |

| jigar |

| akshay |

| dd |

| jigar |

| mysql.sys |

| root |

+-----------+

7 rows in set (0.05 sec)

mysql> grant all privileges on blood\_bank.\* to dd@localhost ;

Query OK, 0 rows affected(0.03 sec)

mysql> GRANT SELECT,INSERT,UPDATE,DELETE,CREATE,DROP ON blood\_bank.\*

TO dd@localhost;

Query OK, 0 rows affected(0.00 sec)

mysql> REVOKE ALL PRIVILEGES, GRANT OPTION FROM dd@localhost ;

Query OK, 0 rows affected(0.02 sec)