

Microsoft Windows [Version 10.0.19045.4780]

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C:\Users\Admin>color 0a

C:\Users\Admin>mysql -u root -p

Enter password: ****

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

Your MySQL connection id is 43

Server version: 8.0.39 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 |

+-----+

| abhi |

| info |

| information_schema |

| mysql |

| performance_schema |

| sys |

+-----+

6 rows in set (0.01 sec)

mysql> use abhi

Database changed

mysql> create table abhi(Seat_no int,Roll_no int,Name varchar(20),department
varchar(20),Year_of_study int,DOB date,Mobile_no int,Email varchar(30));

Query OK, 0 rows affected (0.05 sec)

mysql> insert into abhi values('3214','23','abhishek','computer','3','2003-10-
4','87882','abhi@gmail.com');

Query OK, 1 row affected (0.01 sec)

mysql> insert into abhi values('3215','43','mayur','computer','3','2004-1-4','94362','mayur@gmail.com');

Query OK, 1 row affected (0.01 sec)

mysql> select*from abhi;

+-----+-----+-----+-----+-----+-----+-----+-----+
| Seat_no | Roll_no | Name | department | Year_of_study | DOB | Mobile_no | Email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3214 | 23 | abhishek | computer | 3 | 2003-10-04 | 87882 | abhi@gmail.com |
| 3215 | 43 | mayur | computer | 3 | 2004-01-04 | 94362 | mayur@gmail.com |
+-----+-----+-----+-----+-----+-----+-----+-----+

2 rows in set (0.00 sec)

mysql> create view te as select Seat_no,Roll_no,Name,department from abhi;

Query OK, 0 rows affected (0.01 sec)

mysql> select*from abhi;

+-----+-----+-----+-----+-----+-----+-----+-----+
| Seat_no | Roll_no | Name | department | Year_of_study | DOB | Mobile_no | Email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3214 | 23 | abhishek | computer | 3 | 2003-10-04 | 87882 | abhi@gmail.com |

```
| 3215 | 43 | mayur | computer | 3 | 2004-01-04 | 94362 | mayur@gmail.com |
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select Seat_no,Name from abhi;
```

```
+-----+-----+
```

```
| Seat_no | Name |
```

```
+-----+-----+
```

```
| 3214 | abhishek |
```

```
| 3215 | mayur |
```

```
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> desc abhi;
```

```
+-----+-----+-----+-----+-----+
```

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

```
+-----+-----+-----+-----+-----+
```

```
| Seat_no | int | YES | | NULL | |
```

```
| Roll_no | int | YES | | NULL | |
```

```
| Name | varchar(20) | YES | | NULL | |
```

```
| department | varchar(20) | YES | | NULL | |
```

```
| Year_of_study | int | YES | | NULL | |
```

```
| DOB | date | YES | | NULL | |
```

```
| Mobile_no | int | YES | | NULL | |
```

```
| Email | varchar(30) | YES | | NULL | |
```

```
+-----+-----+-----+-----+-----+
```

8 rows in set (0.00 sec)

```
mysql> create table sakshi(roll_no int,name char(20),student_id int,department char(10));
```

Query OK, 0 rows affected (0.06 sec)

```
mysql> insert into sakshi values('1','XYZ','111','CS'),('2','PQR','112','CS'),('3','SUV','113','CS'),
('4','LMN','114','CS'),('5','GHI','115','IT');
```

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> create table sakshi1(roll_no int, prn_no int, mobile_no int, year char(10));
```

Query OK, 0 rows affected (0.06 sec)

```
mysql> insert into Sakshi1 values('2', '101', '987654', Third);d');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> select*from sakshi1;
```

```
+-----+-----+-----+-----+
| roll_no | prn_no | mobile_no | year |
+-----+-----+-----+-----+
| 2 | 101 | 983464 | Third |
+-----+-----+-----+-----+
```

1 row in set (0.00 sec)

```
mysql> insert into sakshi1 values('3','102','123456','Third'),('4','103','846372','Third'),('5','104',
'352718','Third');
```

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> select *from sakshi;
```

```
+-----+-----+-----+-----+
| roll_no | name | student_id | department |
+-----+-----+-----+-----+
| 1 | XYZ | 111 | CS |
| 2 | PQR | 112 | CS |
| 3 | SUV | 113 | CS |
| 4 | LMN | 114 | CS |
| 5 | GHI | 115 | IT |
+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql> select *from sakshi1;
```

roll_no	prn_no	mobile_no	year
2	101	983464	Third
3	102	123456	Third
4	103	846372	Third
5	104	352718	Third

4 rows in set (0.00 sec)

```
mysql> select *from sakshi inner join sakshi1 on sakshi.roll_no=sakshi1.roll_no;
```

roll_no	name	student_id	department	roll_no	prn_no	mobile_no	year
2	PQR	112	CS	2	101	983464	Third
3	SUV	113	CS	3	102	123456	Third
4	LMN	114	CS	4	103	846372	Third
5	GHI	115	IT	5	104	352718	Third

4 rows in set (0.00 sec)

```
mysql> select *from sakshi left outer join sakshi1 on sakshi.roll_no=sakshi1.roll_no;
```

roll_no	name	student_id	department	roll_no	prn_no	mobile_no	year
1	XYZ	111	CS	NULL	NULL	NULL	NULL
2	PQR	112	CS	2	101	983464	Third
3	SUV	113	CS	3	102	123456	Third

4	LMN	114	CS	4	103	846372	Third
5	GHI	115	IT	5	104	352718	Third

5 rows in set (0.00 sec)

```
mysql> select *from sakshi right outer join sakshi1 on sakshi.roll_no=sakshi1.roll_no;
```

roll_no	name	student_id	department	roll_no	prn_no	mobile_no	year
2	PQR	112	CS	2	101	983464	Third
3	SUV	113	CS	3	102	123456	Third
4	LMN	114	CS	4	103	846372	Third
5	GHI	115	IT	5	104	352718	Third

4 rows in set (0.00 sec)

```
mysql> select *from abhi;
```

Seat_no	Roll_no	Name	department	Year_of_study	DOB	Mobile_no	Email
3214	23	abhishek	computer	3	2003-10-04	87882	abhi@gmail.com
3215	43	mayur	computer	3	2004-01-04	94362	mayur@gmail.com

2 rows in set (0.00 sec)

```
mysql> select *from abhi where Email is not null;
```

Seat_no	Roll_no	Name	department	Year_of_study	DOB	Mobile_no	Email
3214	23	abhishek	computer	3	2003-10-04	87882	abhi@gmail.com
3215	43	mayur	computer	3	2004-01-04	94362	mayur@gmail.com

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

2 rows in set (0.00 sec)

```
mysql> create table employee(Emp_id int,Emp_name char(20),join_date date,Position Char(20),Salary
int);
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> insert into employee values('1','abhi','2019-05-14','CEO','500000');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into employee values('2','omkar','2017-08-29','HR','87000');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into employee values('3','abbhinay','2019-09-09','HR','75000');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into employee values('4','ashish','2011-06-09','CEO','750000');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> select *from employee;
```

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

	Emp_id	Emp_name	join_date	Position	Salary
--	--------	----------	-----------	----------	--------

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

	1	abhi	2019-05-14	CEO	500000
	2	omkar	2017-08-29	HR	87000
	3	abbhinay	2019-09-09	HR	75000
	4	ashish	2011-06-09	CEO	750000

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

4 rows in set (0.00 sec)

```
mysql> select * from employee where emp_name=omkar';
```

```
+-----+-----+-----+-----+-----+
| Emp_id | Emp_name | Join_date | Position | Salary |
+-----+-----+-----+-----+-----+
| 2 | omkar | 2017-08-29 | HR | 87000 |
```

```
+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)
```

```
mysql> select salary from employee where emp_name='omkar';
```

```
+-----+
| salary |
+-----+
| 87000 |
```

```
+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from employee where salary >(select salary from employee where emp_name='omkar');
```

```
+-----+-----+-----+-----+-----+
| Emp_id | Emp_name | Join_date | Position | Salary |
+-----+-----+-----+-----+-----+
| 1 | abhi | 2019-05-14 | CEO | 500000 |
| 4 | ashish | 2011-06-09 | CEO | 750000 |
```

```
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

```
mysql> select * from employee where position = (select position employee where emp_name='abhi');
```

```
+-----+-----+-----+-----+-----+
| Emp_id | Emp_name | Join_date | Position | Salary |
+-----+-----+-----+-----+-----+
| 1 | abhi | 2019-05-14 | CEO | 500000 |
```

```
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```



```
mysql> select * from employee where position = (select position from employee where emp_name='abhi');
```

```
+-----+-----+-----+-----+-----+
| Emp_id | Emp_name | Join_date | Position | Salary |
+-----+-----+-----+-----+-----+
| 1 | abhi | 2019-05-14 | CEO | 500000 |
| 4 | ashish | 2011-06-09 | CEO | 750000 |
+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> select * from employee where position in (select position from employee where emp_name='abhi');
```

```
+-----+-----+-----+-----+-----+
| Emp_id | Emp_name | Join_date | Position | Salary |
+-----+-----+-----+-----+-----+
| 1 | abhi | 2019-05-14 | CEO | 500000 |
| 4 | ashish | 2011-06-09 | CEO | 750000 |
+-----+-----+-----+-----+-----+
```

2 rows in set (0.01 sec)