
Name-Rahul Kanojiya

```
mysql> select * from emp;
```

eid	name	surname	dept	project	city	dob	gender
1	Harshad	Dongre	HR	P1	Pune	1976-12-01	M
2	Mac	Fernandes	Admin	P3	Thane	1968-05-02	M
3	kirti	Gupta	Account	P2	Vashi	1980-01-01	F
4	Rohit	Ghodke	HR	P3	Pune	NULL	M
5	Kanchan	Kulkerni	Admin	P1	Mumbai	1994-07-03	F

5 rows in set (0.05 sec)

1. Write a query to fetch the Employee name from the emp table in upper case and use the ALIAS name as EmpName.

```
mysql> select ucase(name) from emp as EmpName;
```

ucase(name)
HARSHAD
MAC
KIRTI
ROHIT
KANCHAN

5 rows in set (0.05 sec)

2. Write a query to fetch the number of employees working in the department 'HR'.

```
mysql> select dept, count(dept) from emp where dept='HR';
```

dept	count(dept)
HR	2

1 row in set (0.04 sec)

3. Write a query to get the current date.

```
mysql> select curdate();
```

curdate()
2022-03-06

```
+-----+
1 row in set (0.05 sec)
```

4. Write a query to retrieve the first four characters of Employee surname from the emp table.

```
mysql> select substring(surname,1,4) from emp;
```

```
+-----+
| substring(surname,1,4) |
+-----+
| Dong                   |
| Fern                   |
| Gupt                   |
| Ghod                   |
| Kulk                   |
+-----+
5 rows in set (0.00 sec)
```

5. Write a query to find the names of employees that begin with 'K'.

```
mysql> select name from emp where name like 'K%';
```

```
+-----+
| name      |
+-----+
| kirti     |
| Kanchan   |
+-----+
2 rows in set (0.00 sec)
```

6. Write a query to retrieve the name and surname in a single column as "FullName". The first name and the last name must be separated with space.

```
mysql> select concat(name,' ',surname) as FullName from emp;
```

```
+-----+
| FullName      |
+-----+
| Harshad Dongre |
| Mac Fernandes  |
| kirti Gupta    |
| Rohit Ghodke   |
| Kanchan Kulkerni |
+-----+
5 rows in set (0.00 sec)
```

7. Write a query to fetch all the records from the emp table ordered by surname in descending order.

```
mysql> select * from emp order by surname desc;
```

```
+-----+-----+-----+-----+-----+-----+-----+
| eid | name | surname | dept | project | city | dob | gender |
+-----+-----+-----+-----+-----+-----+-----+

```

5	Kanchan	Kulkerni	Admin	P1	Mumbai	1994-07-03	F
3	kirti	Gupta	Account	P2	Vashi	1980-01-01	F
4	Rohit	Ghodke	HR	P3	Pune	NULL	M
2	Mac	Fernandes	Admin	P3	Thane	1968-05-02	M
1	Harshad	Dongre	HR	P1	Pune	1976-12-01	M

5 rows in set (0.05 sec)

8. Write a query to fetch details of all employees excluding the employees with first names, "Rohit" and "kirti" from the emp table.

```
mysql> select * from emp where name not in('Rohit','Kirti');
```

eid	name	surname	dept	project	city	dob	gender
1	Harshad	Dongre	HR	P1	Pune	1976-12-01	M
2	Mac	Fernandes	Admin	P3	Thane	1968-05-02	M
5	Kanchan	Kulkerni	Admin	P1	Mumbai	1994-07-03	F

3 rows in set (0.00 sec)

9. Write a query to fetch department-wise count of employees.

```
mysql> select dept, count(*) from emp group by dept;
```

dept	count(*)
HR	2
Admin	2
Account	1

3 rows in set (0.05 s)

10. Write a query to fetch department-wise count of employees sorted by dept. count in ascending order.

```
mysql> select dept, count(*) from emp group by dept order by dept;
```

dept	count(*)
Account	1
Admin	2
HR	2

3 rows in set (0.00 sec)

11. Find the name of the department having the number of employee less than 2.

```
mysql> select dept,count(*) from emp group by dept having count(*)<2;
```

```
+-----+-----+  
| dept  | count(*) |
```

```
+-----+-----+  
| Account |      1 |
```

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

```
1 row in set (0.04 sec)
```