

```
SELECT first_name FROM persons;  
SELECT DISTINCT first_name FROM persons;  
SELECT first_name, last_name FROM persons;
```

```
Command Prompt - mysql.exe -u root -p  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql>  
mysql> SELECT first_name FROM persons;  
+-----+  
| first_name |  
+-----+  
| Akbar      |  
| Maryam     |  
| Maryam     |  
| Ahmad      |  
| Mohammad Reza |  
| AliAli     |  
| Rojin      |  
| Saba       |  
| Nushin     |  
| AliAli     |  
+-----+  
10 rows in set (0.00 sec)  
  
mysql> SELECT DISTINCT first_name FROM persons;  
+-----+  
| first_name |  
+-----+  
| Akbar      |  
| Maryam     |  
| Ahmad      |  
| Mohammad Reza |  
| AliAli     |  
| Rojin      |  
| Saba       |  
| Nushin     |  
+-----+  
8 rows in set (0.00 sec)  
  
mysql> SELECT first_name, last_name FROM persons;  
+-----+-----+  
| first_name | last_name |  
+-----+-----+  
| Akbar      | Alavi     |  
| Maryam     | Makhdumi  |  
| Maryam     | Akbari    |  
| Ahmad      | Mostafavi |  
| Mohammad Reza | Alemi     |  
| AliAli     | Tehrani   |  
| Rojin      | Khalilzad |  
| Saba       | Maroofi   |  
| Nushin     | Baradaran |  
| AliAli     | Kaabi     |  
+-----+-----+  
10 rows in set (0.00 sec)  
  
mysql>
```

```
SELECT first_name, last_name, birth
FROM persons
WHERE death IS NULL;
```

```
SELECT *
FROM persons
WHERE birth >= '2000-1-1';
```

```
SELECT *
FROM persons
ORDER BY birth;
```

```

Command Prompt - mysql.exe -u root -p

| Rojin      | Khalilzad |
| Saba       | Maroofi   |
| Nushin     | Baradaran |
| AliAli     | Kaabi     |
+-----+
10 rows in set (0.00 sec)

mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql> SELECT first_name, last_name, birth
      -> FROM persons
      -> WHERE death IS NULL;
+-----+
| first_name | last_name | birth      |
+-----+
| Akbar      | Alavi     | 1990-11-12 |
| Maryam     | Makhdumi  | 1992-10-13 |
| Ahmad      | Mostafavi | 1991-07-05 |
| Mohammad Reza | Alemi    | 1999-10-16 |
| Rojin      | Khalilzad | 1980-04-18 |
| Saba       | Maroofi   | 1993-08-19 |
| Nushin     | Baradaran | 2001-06-20 |
+-----+
7 rows in set (0.00 sec)

mysql>
mysql> SELECT *
      -> FROM persons
      -> WHERE birth >= '2000-1-1';
+-----+
| personID | last_name | first_name | birth      | death | gender |
+-----+
| 9        | Baradaran | Nushin     | 2001-06-20 | NULL  | female |
+-----+
1 row in set (0.00 sec)

mysql>
mysql> SELECT *
      -> FROM persons
      -> ORDER BY birth;
+-----+
| personID | last_name | first_name | birth      | death      | gender |
+-----+
| 11       | Kaabi     | AliAli     | 1970-02-21 | 2000-11-12 | female |
| 6        | Tehrani   | AliAli     | 1979-06-17 | 2007-07-02 | male   |
| 7        | Khalilzad | Rojin      | 1980-04-18 | NULL       | female |
| 3        | Akbari    | Maryam     | 1985-12-14 | 1999-05-03 | female |
| 1        | Alavi     | Akbar      | 1990-11-12 | NULL       | male   |
| 4        | Mostafavi | Ahmad      | 1991-07-05 | NULL       | male   |
| 2        | Makhdumi  | Maryam     | 1992-10-13 | NULL       | female |
| 8        | Maroofi   | Saba       | 1993-08-19 | NULL       | female |
| 5        | Alemi     | Mohammad Reza | 1999-10-16 | NULL       | male   |
| 9        | Baradaran | Nushin     | 2001-06-20 | NULL       | female |
+-----+
10 rows in set (0.00 sec)

mysql>

```

```

SELECT *
FROM persons
ORDER BY birth DESC;

SELECT *
FROM persons
ORDER BY birth , last_name DESC;

SELECT first_name, last_name, birth
FROM persons
WHERE MONTH(birth) = 10;

```

```

Command Prompt - mysql.exe -u root -p

+-----+-----+-----+-----+-----+-----+
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
mysql>
mysql>
mysql>
mysql>
mysql> SELECT *
      -> FROM persons
      -> ORDER BY birth DESC;
+-----+-----+-----+-----+-----+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+-----+-----+-----+-----+-----+
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 8 | Maroofi | Saba | 1993-08-19 | NULL | female |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 6 | Tehrani | AliAli | 1979-06-17 | 2007-07-02 | male |
| 11 | Kaabi | AliAli | 1970-02-21 | 2000-11-12 | female |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
mysql> SELECT *
      -> FROM persons
      -> ORDER BY birth , last_name DESC;
+-----+-----+-----+-----+-----+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+-----+-----+-----+-----+-----+
| 11 | Kaabi | AliAli | 1970-02-21 | 2000-11-12 | female |
| 6 | Tehrani | AliAli | 1979-06-17 | 2007-07-02 | male |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 8 | Maroofi | Saba | 1993-08-19 | NULL | female |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
mysql> SELECT first_name, last_name, birth
      -> FROM persons
      -> WHERE MONTH(birth) = 10;
+-----+-----+-----+
| first_name | last_name | birth |
+-----+-----+-----+
| Maryam | Makhdumi | 1992-10-13 |
| Mohammad Reza | Alemi | 1999-10-16 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>

```

```
SELECT first_name, last_name, CURDATE(), TIMESTAMPDIFF(YEAR , birth ,
CURDATE()) AS age
FROM persons;
```

```
SELECT personID, first_name, last_name, birth
FROM persons
WHERE MONTH(birth) = MONTH(Date_ADD(CURDATE() , INTERVAL 1 MONTH));
```

```
SELECT
    COUNT(personID) AS alive_count,
    MIN(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS min_age,
    MAX(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS max_age,
    AVG(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS average_age
FROM persons
WHERE death IS NULL;
```

```

C:\> Command Prompt - mysql.exe -u root -p
mysql>
10 rows in set (0.00 sec)

mysql>
mysql> SELECT first_name, last_name, birth
-> FROM persons
-> WHERE MONTH(birth) = 10;
+-----+-----+-----+
| first_name | last_name | birth |
+-----+-----+-----+
| Maryam    | Makhdumi | 1992-10-13 |
| Mohammad Reza | Alemi    | 1999-10-16 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
mysql>
mysql>
mysql> SELECT first_name, last_name, CURDATE(), TIMESTAMPDIFF(YEAR , birth , CURDATE()) AS age
-> FROM persons;
+-----+-----+-----+-----+
| first_name | last_name | CURDATE() | age |
+-----+-----+-----+-----+
| Akbar      | Alavi     | 2022-03-09 | 31 |
| Maryam    | Makhdumi | 2022-03-09 | 29 |
| Maryam    | Akbari   | 2022-03-09 | 36 |
| Ahmad     | Mostafavi | 2022-03-09 | 30 |
| Mohammad Reza | Alemi    | 2022-03-09 | 22 |
| AliAli    | Tehrani  | 2022-03-09 | 42 |
| Rojin     | Khalilzad | 2022-03-09 | 41 |
| Saba      | Maroofi  | 2022-03-09 | 28 |
| Nushin    | Baradaran | 2022-03-09 | 20 |
| AliAli    | Kaabi    | 2022-03-09 | 52 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
mysql> SELECT personID, first_name, last_name, birth
-> FROM persons
-> WHERE MONTH(birth) = MONTH(Date_ADD(CURDATE() , INTERVAL 1 MONTH));
+-----+-----+-----+-----+
| personID | first_name | last_name | birth |
+-----+-----+-----+-----+
| 7        | Rojin     | Khalilzad | 1980-04-18 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
mysql> SELECT
-> COUNT(personID) AS alive_count,
-> MIN(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS min_age,
-> MAX(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS max_age,
-> AVG(TIMESTAMPDIFF(YEAR , birth, CURDATE())) AS average_age
-> FROM persons
-> WHERE death IS NULL;
+-----+-----+-----+-----+
| alive_count | min_age | max_age | average_age |
+-----+-----+-----+-----+
| 7          | 20      | 41      | 28.7143     |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```