```
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>
 nysql> SELECT first_name FROM persons;
  first_name
  Akbar
 AKDar
Maryam
Maryam
Ahmad
Mohammad Reza
  Saba
Nushin
  AliAli
10 rows in set (0.00 sec)
mysql> SELECT DISTINCT first_name FROM persons;
  {\tt first\_name}
  Akbar
  Maryam
  Ahmad
Mohammad Reza
AliAli
  Rojin
Saba
Nushin
 rows in set (0.00 sec)
 nysql> SELECT first_name, last_name FROM persons;
  first_name
                      | last_name |
                        Alavi
Makhdumi
  Akbar
  Maryam
                       Akbari
Mostafavi
Alemi
  Maryam
  Ahmad
Mohammad Reza
                       Tehrani
Khalilzad
  AliAli
  Saba
Nushin
                        Maroofi
                        Baradaran
                        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
Nushin
                      Maroofi
                      Baradaran
 AliAli
                      Kaabi
10 rows in set (0.00 sec)
mysql>
nysql>
mysql>
nysql>
nysql>
mysql>
mysql>
 ysql> SELECT first_name, last_name, birth
   -> FROM persons
-> WHERE death IS NULL;
 first_name
                    | last_name | birth
                                     1990-11-12
1992-10-13
1991-07-05
  Akbar
                      Makhdumi
 Maryam
Ahmad
                      Mostafavi
                      Alemi
Khalilzad
                                     1999-10-16
1980-04-18
1993-08-19
  Mohammad Reza
  Rojin
                      Maroofi
  Saba
                      Baradaran
                                     2001-06-20
 rows in set (0.00 sec)
mysql>
mysql> SELECT *
    -> WHERE birth >= '2000-1-1';
 personID | last_name | first_name | birth
                                                              | death | gender |
          9 | Baradaran | Nushin
                                             | 2001-06-20 | NULL | female |
 row in set (0.00 sec)
mysql>
nysql> SELECT *
-> FROM persons
-> ORDER BY birth;
 personID | last_name | first_name
                                                 birth
                                                                  death
                                                                                   gender
                                                                    2000-11-12 |
2007-07-02 |
NULL |
               Kaabi
                                                    1970-02-21
                                                                                     female
                                                                                     male
female
               Tehrani
Khalilzad
                               AliAli
                                                   1979-06-17
1980-04-18
                               Rojin
Maryam
                                                   1985-12-14
1990-11-12
1991-07-05
               Akbari
                                                                     1999-05-03
                                                                                     female
                                                                    NULL
NULL
                               Akbar
                                                                                     male
               Mostafavi
Makhdumi
                                                                                     male
female
                               Ahmad
                                                   1991-07-05
1992-10-13
1993-08-19
1999-10-16
2001-06-20
                               Maryam
                Maroofi
                               Saba
                                                                                     female
                               Mohammad Reza
               Alemi
                                                                    NULL
                                                                                     male
female
                               Nushin
               Baradaran
10 rows in set (0.00 sec)
```

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

```
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;
 Command Prompt - mysql.exe -u root -p
10 rows in set (0.00 sec)
mysql>
mysql> SELECT first_name, last_name, birth
    -> FROM persons
-> WHERE MONTH(birth) = 10;
                | last_name | birth
 first_name
  Maryam | Makhdu
Mohammad Reza | Alemi
                  Makhdumi
                             1992-10-13
                             1999-10-16
  rows in set (0.00 sec)
 mysql>
 mysql>
 mvsal>
 nysql> SELECT first_name, last_name, CURDATE(), TIMESTAMPDIFF(YEAR , birth , CURDATE()) AS age
    -> FROM persons;
            first_name
  Akbar
                 Alavi
                              2022-03-09
                  Makhdumi
                              2022-03-09
                                             29
  Maryam
  Maryam
                 Akbari
                              2022-03-09
                                            36
30
                  Mostafavi
                              2022-03-09
  Ahmad
  Mohammad Reza
                  Alemi
                              2022-03-09
                 Tehrani
Khalilzad
                              2022-03-09
                                            42
41
  AliAli
  Rojin
Saba
                              2022-03-09
                              2022-03-09
                 Maroofi
  Nushin
AliAli
                  Baradaran
                              2022-03-09
                                             20
                  Kaabi
                              2022-03-09
                                             52
 10 rows in set (0.00 sec)
mysql>
 nysql> 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
                        | Khalilzad | 1980-04-18
       7 | Rojin
 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 |
                              41
 1 row in set (0.00 sec)
mysql>
```