mysql> select curdate();

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

| curdate() |

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

| 2022-12-22 |

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

1 row in set (0.04 sec)

mysql> select \* from emp\_det;

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

| emp\_id | emp\_name | dept\_no | designation | hire\_date | basic\_pay | pf | da | hra | totalsalary |

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

| 101 | raj | 10a | clerk | 2018-08-12 | 10000.00 | 300 | 300 | 400 | 11000.00 |

| 102 | kaja | 11a | maintance | 2016-09-02 | 14000.00 | 300 | 300 | 400 | 15000.00 |

| 103 | kuja | 14a | store | 2019-09-03 | 16000.00 | 300 | 300 | 400 | 17000.00 |

| 104 | girija | 15a | accoutant | 2015-12-10 | 24000.00 | 300 | 300 | 400 | 25000.00 |

| 105 | sree | 19a | quality | 2019-10-11 | 14000.00 | 300 | 300 | 400 | 15000.00 |

| 106 | mani | 1a | prodution | 2015-09-02 | 34000.00 | 300 | 300 | 400 | 35000.00 |

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

6 rows in set (0.00 sec)

mysql> select date\_format(hire\_date,'%w') from emp\_det;

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

| date\_format(hire\_date,'%w') |

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

| 0 |

| 5 |

| 2 |

| 4 |

| 5 |

| 3 |

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

6 rows in set (0.04 sec)

mysql> select date\_format(hire\_date,'%a') from emp\_det;

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

| date\_format(hire\_date,'%a') |

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

| Sun |

| Fri |

| Tue |

| Thu |

| Fri |

| Wed |

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

6 rows in set (0.04 sec)

mysql> select date\_format(hire\_date,'%a'),date\_format(hire\_date,'%m') from emp\_det;

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

| date\_format(hire\_date,'%a') | date\_format(hire\_date,'%m') |

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

| Sun | 08 |

| Fri | 09 |

| Tue | 09 |

| Thu | 12 |

| Fri | 10 |

| Wed | 09 |

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

6 rows in set (0.00 sec)

mysql> select date\_format(hire\_date,'%a'),date\_format(hire\_date,'%m'),date\_format(hire\_date,'%y') from emp\_det;

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

| date\_format(hire\_date,'%a') | date\_format(hire\_date,'%m') | date\_format(hire\_date,'%y') |

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

| Sun | 08 | 18 |

| Fri | 09 | 16 |

| Tue | 09 | 19 |

| Thu | 12 | 15 |

| Fri | 10 | 19 |

| Wed | 09 | 15 |

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

6 rows in set (0.00 sec)

mysql> select adddate('2010-01-08',interval 25 year);

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

| adddate('2010-01-08',interval 25 year) |

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

| 2035-01-08 |

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

1 row in set (0.04 sec)

mysql> select datediff('1947-08-15','2022-12-22');

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

| datediff('1947-08-15','2022-12-22') |

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

| -27523 |

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

1 row in set (0.04 sec)

mysql> select emp\_name,hire\_date from emp\_det where hire\_date like '2015%';

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

| emp\_name | hire\_date |

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

| girija | 2015-12-10 |

| mani | 2015-09-02 |

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

2 rows in set (0.00 sec)

mysql> select emp\_name,basicpay,basicpay\*3 as wanted\_salary from emp\_det;

ERROR 1054 (42S22): Unknown column 'basicpay' in 'field list'

mysql> select emp\_name,basicpay,basic\_pay\*3 as wanted\_salary from emp\_det;

ERROR 1054 (42S22): Unknown column 'basicpay' in 'field list'

mysql> select emp\_name,basic\_pay,basic\_pay\*3 as wanted\_salary from emp\_det;

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

| emp\_name | basic\_pay | wanted\_salary |

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

| raj | 10000.00 | 30000.00 |

| kaja | 14000.00 | 42000.00 |

| kuja | 16000.00 | 48000.00 |

| girija | 24000.00 | 72000.00 |

| sree | 14000.00 | 42000.00 |

| mani | 34000.00 | 102000.00 |

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

6 rows in set (0.00 sec)

mysql> select hire\_date from emp\_det where dayofweek(hire\_date);

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

| hire\_date |

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

| 2018-08-12 |

| 2016-09-02 |

| 2019-09-03 |

| 2015-12-10 |

| 2019-10-11 |

| 2015-09-02 |

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

6 rows in set (0.04 sec)

mysql> select emp\_name,basic\_pay, basic\_pay>30000 as commission from emp\_det;

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

| emp\_name | basic\_pay | commission |

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

| raj | 10000.00 | 0 |

| kaja | 14000.00 | 0 |

| kuja | 16000.00 | 0 |

| girija | 24000.00 | 0 |

| sree | 14000.00 | 0 |

| mani | 34000.00 | 1 |

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

6 rows in set (0.00 sec)

mysql> select emp\_name,hire\_date,date\_format(hire\_date,'%a') from emp\_det where dayofweek(hire\_date)=2;

Empty set (0.00 sec)

mysql> select emp\_name,hire\_date,date\_format(hire\_date,'%a') from emp\_det where dayofweek(hire\_date)=5;

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

| emp\_name | hire\_date | date\_format(hire\_date,'%a') |

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

| girija | 2015-12-10 | Thu |

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

1 row in set (0.00 sec)

mysql> select emp\_name,basic\_pay, basic\_pay>30000 as commission from emp\_det;

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

| emp\_name | basic\_pay | commission |

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

| raj | 10000.00 | 0 |

| kaja | 14000.00 | 0 |

| kuja | 16000.00 | 0 |

| girija | 24000.00 | 0 |

| sree | 14000.00 | 0 |

| mani | 34000.00 | 1 |

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

6 rows in set (0.00 sec)

mysql> select timestampdiff(year,'2000-01-01','2023-01-01');

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

| timestampdiff(year,'2000-01-01','2023-01-01') |

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

| 23 |

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

1 row in set (0.00 sec)