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 \* from emp\_det where basic\_pay=(select max(basic\_pay) from emp\_det);

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

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

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

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

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

1 row in set (0.00 sec)

mysql> select \* from emp\_det where hire\_date=(select min(hire\_date) from emp\_det);

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

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

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

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

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

1 row in set (0.00 sec)

mysql> select \* from emp\_det where designation='clerks';

Empty set (0.00 sec)

mysql> select \* from emp\_det where designation='clerk';

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

| 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 |

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

1 row in set (0.00 sec)

mysql> select emp-name,basic\_pay from emp\_det where designation='store' and basic\_pay>(select max(basic\_pay) from emp\_det where designation='clerk');

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

mysql> select emp\_name,basic\_pay from emp\_det where designation='store' and basic\_pay>(select max(basic\_pay) from emp\_det where designation='clerk');

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

| emp\_name | basic\_pay |

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

| kuja | 16000.00 |

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

1 row in set (0.00 sec)

mysql> create table sailor(sid int not null primary key,sname varchar(20),dob date, gender char(10));

Query OK, 0 rows affected (0.02 sec)

mysql> create table boat(bid int not null primary key,bname varchar(20),btype char(10), colour char(10));

Query OK, 0 rows affected (0.02 sec)

mysql> create table sails(bid int,sid int,dot date, shift char(10),foreign key(bid) references boat(bid),foreign key(sid) references sailor(sid));

Query OK, 0 rows affected (0.04 sec)

mysql> insert into sailor values (1,'shan','1996-08-01','male'),(2,'ajith','1996-10-10','male'),(3,'gowtham','1998-10-08','male');

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from sailor;

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

| sid | sname | dob | gender |

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

| 1 | shan | 1996-08-01 | male |

| 2 | ajith | 1996-10-10 | male |

| 3 | gowtham | 1998-10-08 | male |

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

3 rows in set (0.00 sec)

mysql> insert into boat values (12345,'titanic','deluxe','red'),(67890,'boad','sd','green');

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from boat;

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

| bid | bname | btype | colour |

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

| 12345 | titanic | deluxe | red |

| 67890 | boad | sd | green |

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

2 rows in set (0.00 sec)

mysql> insert into sails values(12345,1,'1996-08-01','fn'),(67890,2,'1996-10-10','an'),(12345,3,'1998-10-08','fn');

Query OK, 3 rows affected (0.02 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from sails;

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

| bid | sid | dot | shift |

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

| 12345 | 1 | 1996-08-01 | fn |

| 67890 | 2 | 1996-10-10 | an |

| 12345 | 3 | 1998-10-08 | fn |

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

3 rows in set (0.00 sec)

mysql> select \* from emp\_det where basic\_pay=(select max(basic\_pay) from emp\_det);

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

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

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

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

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

1 row in set (0.00 sec)

mysql> select \* from emp\_det where designation='Quality';

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

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

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

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

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

1 row in set (0.00 sec)

mysql>