

Q1- List the details of the emps whose Salaries more than the employee BLAKE.

```
mysql> select * from emp where salary > (select salary from emp where ename = 'blake');  
Empty set (0.00 sec)
```

Q2- List the emps whose Jobs are same as ALLEN

```
mysql> select * from emp where job =(select job from emp where ename = 'allen');  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| empNo | ename | job      | mgr | hiredate | salary | comm | deptno |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| 7499 | allen | salesman | 7698 | 1981-02-20 | 160000 | 300 | 30 |  
| 7521 | ward  | salesman | 7698 | 1981-02-22 | 125000 | 500 | 30 |  
| 7654 | martin | salesman | 7698 | 1981-09-28 | 125000 | 1400 | 30 |  
| 7844 | turner | salesman | 7698 | 1981-09-08 | 150000 | 0 | 30 |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.00 sec)
```

Q3- List the Empls whose Sal is same as FORD or SMITH in desc order of Names

```
mysql> select * from emp where job =(select job from emp where ename = 'miller') or salary > (select salary from emp where ename='allen');  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| empNo | ename | job      | mgr | hiredate | salary | comm | deptno |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| 7369 | smith | clerk    | 7902 | 1980-12-17 | 50000 | 800 | 20 |  
| 7876 | adams | clerk    | 7788 | 1983-01-12 | NULL | 1100 | 20 |  
| 7900 | james | clerk    | 7698 | 1981-12-03 | NULL | 950 | 30 |  
| 7902 | ford  | analyst  | 7566 | 1981-12-03 | 300000 | NULL | 20 |  
| 7934 | miller | clerk    | 7782 | 1982-01-23 | 130000 | NULL | 10 |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
5 rows in set (0.00 sec)
```

Q4- List the emps Whose Jobs are same as MILLER or Sal is more than ALLEN

```
mysql> select * from emp where job =(select job from emp where ename = 'miller') or salary > (select salary from emp where ename='allen');  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| empNo | ename | job      | mgr | hiredate | salary | comm | deptno |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| 7369 | smith | clerk    | 7902 | 1980-12-17 | 50000 | 800 | 20 |  
| 7876 | adams | clerk    | 7788 | 1983-01-12 | NULL | 1100 | 20 |  
| 7900 | james | clerk    | 7698 | 1981-12-03 | NULL | 950 | 30 |  
| 7902 | ford  | analyst  | 7566 | 1981-12-03 | 300000 | NULL | 20 |  
| 7934 | miller | clerk    | 7782 | 1982-01-23 | 130000 | NULL | 10 |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
5 rows in set (0.00 sec)
```

Q5- Find the highest paid employee of sales department

```
mysql> select salary,ename from emp where salary in(select max(salary) from emp);  
+-----+-----+  
| salary | ename |  
+-----+-----+  
| 300000 | ford  |  
+-----+-----+  
1 row in set (0.00 sec)
```

Q6- List the employees who are senior to most recently hired employee working under king

```
mysql> select ename,hiredate from emp where hiredate<(select max(hiredate) from emp where ename = 'king');
+-----+-----+
| ename | hiredate |
+-----+-----+
| smith | 1980-12-17 |
| allen | 1981-02-20 |
| ward  | 1981-02-22 |
| jones | 1981-04-12 |
| martin | 1981-09-28 |
| blake | 1981-05-01 |
| clark | 1981-06-09 |
| turner | 1981-09-08 |
+-----+-----+
8 rows in set (0.01 sec)

mysql>
```

Q7- List the names of the emps who are getting the highest salary dept wise

```
mysql> select ename from emp where salary =(select max(salary) from emp order by deptno);
+-----+
| ename |
+-----+
| ford  |
+-----+
1 row in set (0.00 sec)
```

Q8- List the emps whose salary is equal to the average of max and minimum

```
mysql> select * from emp where salary =(select max(salary)+min(salary)/2 from emp);
Empty set (0.00 sec)

mysql> |
```

Q9- List the emps who joined in the company on the same date

```
mysql> SELECT * FROM EMP E WHERE HIREDATE IN (SELECT HIREDATE FROM EMP WHERE E.EMPNO <> EMPNO);
+-----+-----+-----+-----+-----+-----+-----+
| empNo | ename | job      | mgr  | hiredate | salary | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7900 | james | clerk    | 7698 | 1981-12-03 | NULL | 950 | 30 |
| 7902 | ford  | analyst  | 7566 | 1981-12-03 | 300000 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> |
```

Q10- Find out the emps who joined in the company before their Manager.

```
mysql> select e.ename,e.hiredate from emp e,emp p where e.mgr = p.empNo and e.hiredate < p.hiredate;
+-----+-----+
| ename | hiredate |
+-----+-----+
| ward  | 1981-02-22 |
| allen | 1981-02-20 |
| clark | 1981-06-09 |
| blake | 1981-05-01 |
| jones | 1981-04-12 |
| smith | 1980-12-17 |
+-----+-----+
6 rows in set (0.00 sec)

mysql> |
```