

SELECT command

1. Retrieve the entire contents of EMP table.

```
select * from emp;
```

2. Print the name of employees.

```
select ename from emp;
```

3. Retrieve the list of names and jobs of employees.

```
select ename,job from emp;
```

4. List of various department available from dept table.

```
select dname from dept;
```

5. List all information about the Employees of the EMP table.

```
select * from emp;
```

6. Show the information of the Department table.

```
select * from dept;
```

7. Display the contents of the column Empno, Ename as Employee Name and Sal from the Emp table.

```
SELECT Empno, Ename AS "Employee Name", Sal FROM Emp;
```

8. Display the Job, Comm and Ename from the Emp table with Customized column headings.

```
SELECT Job AS "Job Title", Comm AS "Commission", Ename AS "Employee Name" FROM Emp;
```

9. Display the location as "Location" and names of all the departments as "Department Names".

```
select loc as "location", dname as "department names"from dept;
```

10. List the different Managers Codes.

```
select mgr from emp;
```

11. Write a query, which concatenates the Emp No, Name and Mgr Code. Display output with spaces in the columns.

```
select concat(empno, ' ', ename, ' ', mgr) as "concatenated info" from emp;
```

12. Create a query to display all the data from the EMP table, separate each column by a comma.

```
select concat_ws(',', empno, ename, job, mgr, hiredate, sal, comm, deptno) as  
"employee data" from emp;
```

13. Modify the above query to add a column that will subtract the Old Salary from the New Salary.

```
select concat_ws(',', empno, ename, job, mgr, hiredate, sal, comm, deptno) as "employee data"  
(new_salary - old_salary) as "salary difference" from emp;
```

14. Write a query that produces the following for each employee as-
<employee name> earns <salary> monthly, but wants salary <3 times salary>. Label the columns Dream Salaries.

```
SELECT CONCAT(Ename, ' earns ', Sal, ' monthly, but wants salary ', (3 * Sal)) AS "Dream  
Salaries" FROM Emp;
```

15. Display different types of positions available in the Company.

```
select job from emp;
```

16. Using the sales table, you need to report the following

a. Appropriate column heading should be given for all the columns.

```
mysql> SELECT REPID AS "Report ID", CUSTID AS "Customer ID", CUSTNAME AS "Customer Name",  
PRODID AS "Product ID", PRODNAME AS "Product Name", AMOUNT AS "Amount" FROM sales;
```