1. *Retrieve the entire contents of EMP table.*

|  |
| --- |
| **select \* from emp;** |

1. *Print the name of employees.*

|  |
| --- |
| **select ename from emp;** |

1. *Retrieve the list of names and jobs of employees.*

|  |
| --- |
| **select ename,job from emp***;* |

1. *List of various department available from dept table.*

|  |
| --- |
| **select dname from dept;** |

1. *List all information about the Employees of the EMP table.*

|  |
| --- |
| **select \* from emp;** |

1. *Show the information of the Department table.*

|  |
| --- |
| ***select \* from dept;*** |

1. *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;** |

1. *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;** |

1. *Display the location as “Location” and names of all the departments as “Department Names”.*

|  |
| --- |
| **select loc as "location", dname as "department names"from dept;** |

1. *List the different Managers Codes.*

|  |
| --- |
| ***select mgr from emp;*** |

1. *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;*** |

1. *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;*** |

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

|  |
| --- |
| ***SELECT EMPNO, ENAME, GENDER, JOB, MGR, HIREDATE, SAL AS new\_salary, 1500 AS old\_salary, (SAL - 1500) AS salary\_difference FROM emp;*** |

1. *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;*** |

1. *Display different types of positions available in the Company.*

|  |
| --- |
| ***select job from emp;*** |

1. *Using the sales table, you need to report the following* 
   1. *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;*** |