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

* *select \* from emp;*

1. *Print the name of employees.*

* *select ename from emp1;*

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

* *select ename, job from emp1;*

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

* *select dname from dept1;*
* *select dname from dept;*

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

*-->select \* from emp1;*

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

* *select \* from dept1;*
* *select \* from dept;*

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

* *select empno as Employee\_Number, ename as Employee\_Name from emp1;*

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

* *select ename as Emp\_Name, Job as Emp\_Job, ifnull(Comm, "N/A") as Commission 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 distinct mgr from emp1;*

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 Emp\_Details from emp1;*

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, bonusid) as emp\_data from emp;*

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

* *ALTER TABLE EMP ADD COLUMN Salary\_Difference INT GENERATED ALWAYS AS (new\_sal – old\_sal);*

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 ename, sal, CONCAT(ename, ' earns ', sal, ' monthly, but wants salary ', sal \* 3) AS salary\_statement FROM EMP;*

1. *Display different types of positions available in the Company.*
2. *Using the sales table, you need to report the following* 
   1. *Appropriate column heading should be given for all the columns.*

* *select repid as RepID, custid as Customer\_Id, custname as Customer\_Name, prodid as Product\_Id, prodname as Product\_Name, amount as Amount from sales;*