**1.Display all records from the employee table**

mysql> CREATE TABLE employee(EmpID int,EmpName varchar(20),DeptID int,Salary int,HireDate varchar(20));

mysql> INSERT INTO employee values(101,'John',1,50000,'2018-02-12’),

(102,'Alice',2,60000,'2019-07-10'),(103,'Bob',1,55000,'2020-05-05’),

(104,'Carol',3,45000,'2017-09-20');

mysql> SELECT \* FROM employee;

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

| EmpID | EmpName | DeptID | Salary | HireDate |

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

| 101 | John | 1 | 50000 | 2018-02-12 |

| 102 | Alice | 2 | 60000 | 2019-07-10 |

| 103 | Bob | 1 | 55000 | 2020-05-05 |

| 104 | Carol | 3 | 45000 | 2017-09-20 |

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

**2.Display only EmpName and Salary of all employess**

mysql> SELECT EmpName,Salary from employee;

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

| EmpName | Salary |

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

| John | 50000 |

| Alice | 60000 |

| Bob | 55000 |

| Carol | 45000 |

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

**3.find all employees Who belong to the IT department**

SELECT \* FROM employee JOIN dept ON employee.DeptID=dept.DeptID WHERE dept.DeptName='IT';

**4.List employees Whose salary is greater than 50000**

mysql> SELECT EmpName from employee WHERE Salary > 50000;

+---------+

| EmpName |

+---------+

| Alice |

| Bob |

+---------+

**5.find employees hierd before 2020-01-01**

SELECT \* FROM employee WHERE HireDate< ’2020-01-01’;

**6.Display employees in descending order of salary**

mysql> SELECT \* FROM employee order by Salary DESC;

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

| EmpID | EmpName | DeptID | Salary | HireDate |

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

| 102 | Alice | 2 | 60000 | 2019-07-10 |

| 103 | Bob | 1 | 55000 | 2020-05-05 |

| 101 | John | 1 | 50000 | 2018-02-12 |

| 104 | Carol | 3 | 45000 | 2017-09-20 |

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