Assignment-1

Dept Table:

DeptNo	Dname	Loc
10	Accounts	Bangalore
20	IT	Delhi
30	Production	Chennai
40	Sales	Hyd
50	Admn	London

Emp Table:

EmpNo	Ename	Sal	Hire_Date	Commission	DeptNo	Mgr
1001	Sachin	19000	1-Jan-1980	2100	20	1003
1002	Kapil	15000	1-Jan-1970	2300	10	1003
1003	Stefen	12000	1-Jan-1990	500	20	1007
1004	Williams	9000	1-Jan-2001	NULL	30	1007
1005	John	5000	1-Jan-2005	NULL	30	1006
1006	Dravid	19000	1-Jan-1985	2400	10	1007
1007	Martin	21000	1-Jan-2000	1040	NULL	NULL

1) Select employee details of dept number 10 or 30

   Select * from Employee where DeptNo in(10,30);

```
mysql> select * from Employee where DeptNo in(10,30);
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1002 | Kapil    | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1006 | Dravid   | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
|  1004 | Williams |  9000 | 2001-01-01 |       NULL |     30 | 1007 |
|  1005 | John     |  5000 | 2005-01-01 |       NULL |     30 | 1006 |
+-------+----------+-------+------------+------------+--------+------+
4 rows in set (0.00 sec)
```

2) Write a query to fetch all the dept details with more than 1 Employee.

   Select d.Dname,d.DeptNo,d.Location from Department d,Employee e where e.DeptNo=d.DeptNo Group by e.DeptNo having count(*)>=1;

```
mysql> select d.Dname,d.DeptNo,d.Location from Department d,Employee e where e.DeptNo=d.DeptNo group by e.DeptNo having count(*)>1;
+------------+--------+-----------+
| Dname      | DeptNo | Location  |
+------------+--------+-----------+
| Accounts   |     10 | Bangalore |
| IT         |     20 | Delhi     |
| Production |     30 | Chennai   |
+------------+--------+-----------+
3 rows in set (0.00 sec)
```

3) Write a query to fetch employee details whose name starts with the letter “**S”**

Select * from Employee where Ename like”s%”;

```
mysql> select * from Employee where Ename like "s%";
+-------+--------+-------+------------+------------+--------+------+
| EmpNo | Ename  | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+--------+-------+------------+------------+--------+------+
|  1001 | Sachin | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1003 | Stefen | 12000 | 1990-01-01 |        500 |     20 | 1007 |
+-------+--------+-------+------------+------------+--------+------+
2 rows in set (0.00 sec)
```

4) Select Emp Details Whose experience is more than 2 years

Select * from Employee where year(“2023-02-18”)-year(Hire_date)>=2;

```
mysql> select * from Employee where year("2023-02-18")-year(Hire_date)>=2;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1001 | Sachin   | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | Kapil    | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen   | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1004 | Williams |  9000 | 2001-01-01 |       NULL |     30 | 1007 |
|  1005 | John     |  5000 | 2005-01-01 |       NULL |     30 | 1006 |
|  1006 | Dravid   | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
|  1007 | Martin   | 19000 | 2000-01-01 |       1040 |   NULL | NULL |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

5) Write a SELECT statement to replace the char “a” with “#” in Employee Name (Ex: **Sachin** as **S#chin)**

Update Employee set Ename=replace(Ename,’a’,’#’);

```
mysql> update Employee set Ename=replace(Ename,'a','#');
Query OK, 5 rows affected (0.09 sec)
Rows matched: 7  Changed: 5  Warnings: 0

mysql> select * from Employee;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1001 | S#chin   | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | K#pil    | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen   | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1004 | Willi#ms |  9000 | 2001-01-01 |       NULL |     30 | 1007 |
|  1005 | John     |  5000 | 2005-01-01 |       NULL |     30 | 1006 |
|  1006 | Dr#vid   | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
|  1007 | M#rtin   | 19000 | 2000-01-01 |       1040 |   NULL | NULL |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

6) Write a query to fetch employee name and his/her manager name.

Select e.Ename,m.Ename from Employee e join Employee m on(e.Mgr=m.EmpNo);

```
mysql> Select e.Ename,m.Ename from Employee e join Employee m on(e.Mgr=m.EmpNo);
+----------+--------+
| Ename    | Ename  |
+----------+--------+
| Sachin   | Stefen |
| Kapil    | Stefen |
| Stefen   | Martin |
| Williams | Martin |
| John     | Dravid |
| Dravid   | Martin |
+----------+--------+
6 rows in set (0.00 sec)
```

7) Fetch Dept Name , Total Salry of the Dept

Select d.Dname, sum(Sal) from Employee e,Department d where e.DeptNo=d.DeptNo group by e.DeptNo;

```
mysql> select d.Dname,sum(Sal) from Employee e,Department d where e.DeptNo=d.DeptNo group by e.DeptNo;
+------------+----------+
| Dname      | sum(Sal) |
+------------+----------+
| IT         |    31000 |
| Accounts   |    34000 |
| Production |    14000 |
+------------+----------+
3 rows in set (0.00 sec)
```

8) Write a query to fetch **ALL** the employee details along with department name, department location, irrespective of employee existance in the department.

Select e.EmpNo,e.Ename,e.Sal,e.Mgr,e.Commission,e.Hire_date,d.Dname,d.Location from Employee e,Department d where e.DeptNo=d.DeptNo;

```
mysql> select e.EmpNo,e.Ename,e.Hire_date,e.Commission,e.DeptNo,e.Mgr,d.Dname,d.Location from Employee e,Department d where e.DeptNo=d.DeptNo;
+-------+----------+------------+------------+--------+------+------------+----------+
| EmpNo | Ename    | Hire_date  | Commission | DeptNo | Mgr  | Dname      | Location |
+-------+----------+------------+------------+--------+------+------------+----------+
|  1001 | Sachin   | 1980-01-01 |       2100 |     20 | 1003 | IT         | Delhi    |
|  1002 | Kapil    | 1970-01-01 |       2300 |     10 | 1003 | Accounts   | Bangalore |
|  1003 | Stefen   | 1990-01-01 |        500 |     20 | 1007 | IT         | Delhi    |
|  1004 | Williams | 2001-01-01 |       NULL |     30 | 1007 | Production | Chennai  |
|  1005 | John     | 2005-01-01 |       NULL |     30 | 1006 | Production | Chennai  |
|  1006 | Dravid   | 1985-01-01 |       2400 |     10 | 1007 | Accounts   | Bangalore |
+-------+----------+------------+------------+--------+------+------------+----------+
6 rows in set (0.00 sec)
```

9) Write an update statement to increase the employee salary by 10 %

update Employee set Sal=Sal+(Sal*10/100);

```
mysql> update Employee set Sal=Sal+(Sal*10/100);
Query OK, 7 rows affected (0.60 sec)
Rows matched: 7  Changed: 7  Warnings: 0

mysql> select * from Employee;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1001 | Sachin   | 22990 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | Kapil    | 18150 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen   | 14520 | 1990-01-01 |        500 |     20 | 1007 |
|  1004 | Williams |  9900 | 2001-01-01 |       NULL |     30 | 1007 |
|  1005 | John     |  5500 | 2005-01-01 |       NULL |     30 | 1006 |
|  1006 | Dravid   | 22990 | 1985-01-01 |       2400 |     10 | 1007 |
|  1007 | Martin   | 25410 | 2000-01-01 |       1040 |   NULL | NULL |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

10) Write a statement to delete employees belong to Chennai location.

Select * from Employee, Department where Employee.DeptN0=Department.DeptNo and Department.Location=”Chennai”;

Delete from Employee where DeptNo=30;

```
mysql> select * from Employee ,Department where Employee.DeptNo=Department.DeptNo and Department.Location="Chennai";
+-------+----------+------+------------+------------+--------+------+--------+------------+----------+
| EmpNo | Ename    | Sal  | Hire_date  | Commission | DeptNo | Mgr  | DeptNo | Dname      | Location |
+-------+----------+------+------------+------------+--------+------+--------+------------+----------+
|  1004 | Williams | 9900 | 2001-01-01 |       NULL |     30 | 1007 |     30 | Production | Chennai  |
|  1005 | John     | 5500 | 2005-01-01 |       NULL |     30 | 1006 |     30 | Production | Chennai  |
+-------+----------+------+------------+------------+--------+------+--------+------------+----------+
2 rows in set (0.00 sec)

mysql> delete from Employee where DeptNo=30;
Query OK, 2 rows affected (0.11 sec)
```

11) Get Employee Name and gross salary (sal + comission) .

select Ename,(Sal+Commission)as Gross_salary from Employee;

```
mysql> select Ename,(Sal+Commission)as Gross_salary from Employee;
+----------+--------------+
| Ename    | Gross_salary |
+----------+--------------+
| Sachin   |        21100 |
| Kapil    |        17300 |
| Stefen   |        12500 |
| Williams |         9000 |
| John     |         5000 |
| Dravid   |        21400 |
| Martin   |        22040 |
+----------+--------------+
7 rows in set (0.00 sec)
```

12) Increase the data length of the column Ename of Emp table from 100 to 250 using ALTER statement

Alter table Employye Modify Ename varchar(250);

```
mysql> Alter table Employee Modify Ename varchar(250);
Query OK, 7 rows affected (0.28 sec)
Records: 7  Duplicates: 0  Warnings: 0

mysql> select * from Employee;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1001 | Sachin   | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | Kapil    | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen   | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1004 | Williams |  9000 | 2001-01-01 |       NULL |     30 | 1007 |
|  1005 | John     |  5000 | 2005-01-01 |       NULL |     30 | 1006 |
|  1006 | Dravid   | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
|  1007 | Martin   | 19000 | 2000-01-01 |       1040 |   NULL | NULL |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

13) Write query to get current datetime

Select Now();

```
mysql> select now();
+---------------------+
| now()               |
+---------------------+
| 2023-02-19 10:35:11 |
+---------------------+
1 row in set (0.00 sec)
```

14) Write a statement to create STUDENT table, with related 5 columns

Create table Student(Name varchar(30),USN varchar(30),DOB date,Address varchar(30),Phone_number int(30));

```
mysql> Create table Student_table(Name varchar(30),USN varchar(30),DOB date,Address varchar(30),Phone_number int(30));
Query OK, 0 rows affected, 1 warning (0.19 sec)

mysql> insert into Student_table values("Williams","4MT19CS001","2001-01-01","Mangalore",1007);
Query OK, 1 row affected (0.02 sec)

mysql> create table EMP_BKP as select * from Employee;
```

15) Write a query to fetch number of employees in who is getting salary more than 10000

Select count(*) from Employee where Sal>=10000;

```
mysql> Select count(*) from Employee where Sal>=10000;
+----------+
| count(*) |
+----------+
|        5 |
+----------+
1 row in set (0.00 sec)
```

16) Write a query to fetch minimum salary, maximum salary and average salary from emp table.

Select min(Sal),max(Sal),avg(Sal) from Employee;

```
mysql> select min(Sal),max(Sal),avg(Sal) from Employee;
+----------+----------+-------------+
| min(Sal) | max(Sal) | avg(Sal)    |
+----------+----------+-------------+
|     5000 |    21000 | 14285.7143 |
+----------+----------+-------------+
1 row in set (0.00 sec)
```

17) Write a query to fetch number of employees in each location

Select Count(*),d.Location from Employee e,Department d where e.DeptNo=d.DeptNo group by d.Location;

```
mysql> select count(*),d.Location from Employee e,Department d where e.DeptNo=d.DeptNo group by d.Location;
+----------+----------+
| count(*) | Location |
+----------+----------+
|        2 | Bangalore |
|        2 | Delhi     |
|        2 | Chennai   |
+----------+----------+
3 rows in set (0.00 sec)
```

18) Write a query to display emplyee names in descending order

Select * from Employee order by Ename Desc;

```
mysql> select * from Employee order by Ename desc;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1004 | Williams |  9000 | 2001-01-01 |       NULL |     30 | 1007 |
|  1003 | Stefen   | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1001 | Sachin   | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1007 | Martin   | 19000 | 2000-01-01 |       1040 |   NULL | NULL |
|  1002 | Kapil    | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1005 | John     |  5000 | 2005-01-01 |       NULL |     30 | 1006 |
|  1006 | Dravid   | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

19) Write a statement to create a new table(**EMP_BKP**) from the existing **EMP** table

create table EMP_BKP as select * from Employee;

```
mysql> create table EMP_BKP as select * from Employee;
ERROR 1050 (42S01): Table 'EMP_BKP' already exists
mysql> select * from EMP_BKP;
+-------+----------+-------+------------+------------+--------+------+
| EmpNo | Ename    | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+----------+-------+------------+------------+--------+------+
|  1001 | Sachin   | 20900 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | Kapil    | 16500 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen   | 13200 | 1990-01-01 |        500 |     20 | 1007 |
|  1004 | Williams |  9900 | 2001-01-01 |          0 |     30 | 1007 |
|  1005 | John     |  5500 | 2005-01-01 |          0 |     30 | 1006 |
|  1006 | Dravid   | 20900 | 1985-01-01 |       2400 |     10 | 1007 |
|  1007 | Martin   | 23100 | 2000-01-01 |       1040 |   NULL | NULL |
+-------+----------+-------+------------+------------+--------+------+
7 rows in set (0.00 sec)
```

20) Write a query to fetch first 3 characters from employee name appended with salary.

Select substring(Ename,1,3) from Employee;

```
mysql> select substring(Ename,1,3) from Employee;
+----------------------+
| substring(Ename,1,3) |
+----------------------+
| Sac                  |
| Kap                  |
| Ste                  |
| Wil                  |
| Joh                  |
| Dra                  |
| Mar                  |
+----------------------+
7 rows in set (0.00 sec)
```

21) Get the details of the employees whose name starts with **S**

Select * from Employee where Ename like”s%”;

```
mysql> Select * from Employee where Ename like"s%";
+-------+--------+-------+------------+------------+--------+------+
| EmpNo | Ename  | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+--------+-------+------------+------------+--------+------+
|  1001 | Sachin | 22990 | 1980-01-01 |       2100 |     20 | 1003 |
|  1003 | Stefen | 14520 | 1990-01-01 |        500 |     20 | 1007 |
+-------+--------+-------+------------+------------+--------+------+
2 rows in set (0.00 sec)
```

22) Get the details of the employees who works in Bangalore location
select e.Ename,e.EmpNo,e.Hire_date,e.Commission,e.Sal,e.Mgr,e.DeptNo from Employee e,Department d where e.DeptNo=d.DeptNo and d.Location="Bangalore";

```
mysql> select e.Ename,e.EmpNo,e.Hire_date,e.Commission,e.Sal,e.Mgr,e.DeptNo from Employee e,Department d where e.DeptNo=d.DeptNo and d.Location="Bangalo
+--------+-------+------------+------------+-------+------+--------+
| Ename  | EmpNo | Hire_date  | Commission | Sal   | Mgr  | DeptNo |
+--------+-------+------------+------------+-------+------+--------+
| Kapil  |  1002 | 1970-01-01 |       2300 | 18150 | 1003 |     10 |
| Dravid |  1006 | 1985-01-01 |       2400 | 22990 | 1007 |     10 |
+--------+-------+------------+------------+-------+------+--------+
2 rows in set (0.00 sec)
```

23) Write the query to get the employee details whose name started within any letter between A and K
Select * from Employee where Ename between ‘a’ and ‘k’;

```
mysql> select * from Employee where Ename between "a" and "k";
+-------+--------+-------+------------+------------+--------+------
| EmpNo | Ename  | Sal   | Hire_date  | Commission | DeptNo | Mgr
+-------+--------+-------+------------+------------+--------+------
|  1005 | John   |  5500 | 2005-01-01 |       NULL |     30 | 1006
|  1006 | Dravid | 22990 | 1985-01-01 |       2400 |     10 | 1007
+-------+--------+-------+------------+------------+--------+------
```

24) Write a query in SQL to display the employees whose manager name is **Stefen**
select e.Ename,e.EmpNo,e.Hire_date,e.Commission,e.DeptNo,e.Mgr from Employee e join Employee m on(e.Mgr=m.EmpNo) and m.Ename="Stefen";

```
mysql> select e.Ename,e.EmpNo,e.Hire_date,e.Commission,e.DeptNo,e.Mgr from Employee e join Employee m on(e.Mgr=m.EmpNo) and m.Ename="Stefen";
+--------+-------+------------+------------+--------+------+
| Ename  | EmpNo | Hire_date  | Commission | DeptNo | Mgr  |
+--------+-------+------------+------------+--------+------+
| Sachin |  1001 | 1980-01-01 |       2100 |     20 | 1003 |
| Kapil  |  1002 | 1970-01-01 |       2300 |     10 | 1003 |
+--------+-------+------------+------------+--------+------+
2 rows in set (0.00 sec)
```

25) Write a query in SQL to list the name of the managers who is having maximum number of employees working under him
Select Mgr,Count(*) from Employee group by Mgr having count(*)>=3;

```
mysql>
mysql> select Mgr,Count(*) from Employee Group by Mgr having Count(*)>1;
+------+----------+
| Mgr  | Count(*) |
+------+----------+
| 1003 |        2 |
| 1007 |        3 |
+------+----------+
2 rows in set (0.00 sec)
```

26) Write a query to display the employee details, department details and the manager details of the employee who has second highest salary
Selectd.Dname,d.Location,e.EmpNo,e.Ename,e.Commission,e.Hire_date,e.Sal,e.DeptNo, e.Mgr from Employee e,Department d order by Sal limit 1,2;

```
mysql> select d.Dname,d.Location,e.EmpNo,e.Ename,e.Commission,e.Hire_date,e.Sal,e.DeptNo from Employee e,Department d order by Sal limit 1,2
+----------+----------+-------+-------+------------+------------+------+--------+
| Dname    | Location | EmpNo | Ename | Commission | Hire_date  | Sal  | DeptNo |
+----------+----------+-------+-------+------------+------------+------+--------+
| IT       | Delhi    |  1005 | John  |       NULL | 2005-01-01 | 5000 |     30 |
| Accounts | Bangalore |  1005 | John  |       NULL | 2005-01-01 | 5000 |     30 |
+----------+----------+-------+-------+------------+------------+------+--------+
2 rows in set (0.00 sec)
```

27) Write a query to list all details of all the managers
select * from Employee where EmpNo in(select Mgr from Employee);

```
mysql> select * from Employee where EmpNo in(select Mgr from Employee);
+-------+--------+-------+-------------+------------+--------+------+
| EmpNo | Ename  | Sal   | Hire_date   | Commission | DeptNo | Mgr  |
+-------+--------+-------+-------------+------------+--------+------+
|  1003 | Stefen | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1007 | Martin | 19000 | 2000-01-01 |       1040 |   NULL | NULL |
|  1006 | Dravid | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
+-------+--------+-------+-------------+------------+--------+------+
3 rows in set (0.00 sec)
```

28) Write a query to list the details and total experience of all the managers
select EmpNo,Ename,Hire_date,Commission,Sal,Mgr,Year("2023-02-18")-year(Hire_date) as Experience from Employee;

```
mysql> select EmpNo,Ename,Hire_date,Commission,Sal,Mgr,Year("2023-02-18")-year(Hire_date) as Experience from Employee;
+-------+----------+------------+------------+-------+------+------------+
| EmpNo | Ename    | Hire_date  | Commission | Sal   | Mgr  | Experience |
+-------+----------+------------+------------+-------+------+------------+
|  1001 | Sachin   | 1980-01-01 |       2100 | 19000 | 1003 |         43 |
|  1002 | Kapil    | 1970-01-01 |       2300 | 15000 | 1003 |         53 |
|  1003 | Stefen   | 1990-01-01 |        500 | 12000 | 1007 |         33 |
|  1004 | Williams | 2001-01-01 |       NULL |  9000 | 1007 |         22 |
|  1005 | John     | 2005-01-01 |       NULL |  5000 | 1006 |         18 |
|  1006 | Dravid   | 1985-01-01 |       2400 | 19000 | 1007 |         38 |
|  1007 | Martin   | 2000-01-01 |       1040 | 19000 | NULL |         23 |
+-------+----------+------------+------------+-------+------+------------+
7 rows in set (0.00 sec)
```

29) Write a query to list the employees who is manager and takes commission less than 1000 and works in Delhi
select * from Employee,Department where EmpNo in(select Mgr from Employee) and Commission<1000 and Department.Location="Delhi";

```
mysql> select * from Employee,Department where EmpNo in(select Mgr from Employee) and Commission<1000 and Department.Location="Delhi";
+-------+--------+-------+------------+------------+--------+------+--------+-------+----------+
| EmpNo | Ename  | Sal   | Hire_date  | Commission | DeptNo | Mgr  | DeptNo | Dname | Location |
+-------+--------+-------+------------+------------+--------+------+--------+-------+----------+
|  1003 | Stefen | 12000 | 1990-01-01 |        500 |     20 | 1007 |     20 | IT    | Delhi    |
+-------+--------+-------+------------+------------+--------+------+--------+-------+----------+
1 row in set (0.00 sec)
```

30) Write a query to display the details of employees who are senior to Martin

select * from employee where Hire_date<"2000-01-01";

```
mysql> select * from employee where Hire_date<"2000-01-01";
+-------+--------+-------+------------+------------+--------+------+
| EmpNo | Ename  | Sal   | Hire_date  | Commission | DeptNo | Mgr  |
+-------+--------+-------+------------+------------+--------+------+
|  1001 | Sachin | 19000 | 1980-01-01 |       2100 |     20 | 1003 |
|  1002 | Kapil  | 15000 | 1970-01-01 |       2300 |     10 | 1003 |
|  1003 | Stefen | 12000 | 1990-01-01 |        500 |     20 | 1007 |
|  1006 | Dravid | 19000 | 1985-01-01 |       2400 |     10 | 1007 |
+-------+--------+-------+------------+------------+--------+------+
4 rows in set (0.00 sec)
```