

MYSQL

Consider the Company database with following tables:

1. Employee

Emp_No (PRIMARY KEY)
Emp_Name
Address
Sex
Dept
Salary
DOJ
Branch

2. Department

Dept_No (Primary Key)
DName
Mgr_Id
Mgr_Strtdte

I. Consider the Employee table

1. Display all the fields of the Employee table
2. Retrieve employee number and their salary
3. Retrieve average salary of all employee
4. Retrieve number of employee
5. Retrieve distinct number of employee
6. Retrieve total salary of employee group by employee name and count similar names
7. Retrieve total salary of employee which is greater than >12000
8. Display name of employee in descending order
9. Display details of employee whose name is 'Martin' and salary greater than 20000;

```
mysql> select * from Employee;
```

Emp_no	Emp_name	Address	Sex	Dept	Salary	DOJ	Branch
101	Jibin	Kollam	M	Sales	25000	2018-09-11	Bangluru
102	Aparna	Idukki	F	Marketing	35000	2019-09-11	Kochi
103	Murshid	Malappuram	M	IT	32000	2017-06-12	Kozhikode
104	Hishana	Kozhikode	F	IT	22000	2020-03-09	Bangluru
105	Nihad	Kannur	M	Sales	20000	2021-01-09	Kochi
106	Anu	Kozhikode	F	Marketing	40000	2017-11-17	Kozhikode

```
6 rows in set (0.00 sec)
```

```
mysql> Select Emp_no,Salary from Employee;
```

Emp_no	Salary
101	25000
102	35000
103	32000
104	22000
105	20000
106	40000

```
6 rows in set (0.00 sec)
```

```
mysql> select avg(Salary) from Employee;
```

avg(Salary)
29000.0000

```
1 row in set (0.00 sec)
```

```
mysql> select count(Emp_no) from Employee;
```

count(Emp_no)
6

```
1 row in set (0.01 sec)
```

```
mysql> select distinct count(Emp_no) from Employee;
```

count(Emp_no)
6

```
1 row in set (0.00 sec)
```

```
mysql> select sum(Salary) from Employee;
```

sum(Salary)
174000

```
+-----+
1 row in set (0.00 sec)
```

```
mysql> select sum(Salary),count(Emp_no) from Employee group by Emp_name;
```

```
+-----+-----+
| sum(Salary) | count(Emp_no) |
+-----+-----+
|      25000 |              1 |
|      35000 |              1 |
|      32000 |              1 |
|      22000 |              1 |
|      20000 |              1 |
|      40000 |              1 |
+-----+-----+
```

```
6 rows in set (0.00 sec)
```

```
mysql> select sum(Salary),count(Emp_name) from Employee group by Emp_name;
```

```
+-----+-----+
| sum(Salary) | count(Emp_name) |
+-----+-----+
|      25000 |              1 |
|      35000 |              1 |
|      32000 |              1 |
|      22000 |              1 |
|      20000 |              1 |
|      40000 |              1 |
+-----+-----+
```

```
6 rows in set (0.00 sec)
```

```
mysql> select sum(Salary) from Employee where Salary>12000;
```

```
+-----+
| sum(Salary) |
+-----+
|      174000 |
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select Emp_name from Employee order by Emp_name;
```

```
+-----+
| Emp_name |
+-----+
| Anu      |
| Aparna   |
| Hishana  |
| Jibin    |
| Murshid  |
| Nihad    |
+-----+
```

```
6 rows in set (0.00 sec)
```

```
mysql> select Emp_name from Employee order by Emp_name desc;
```

```
+-----+
| Emp_name |
+-----+
| Nihad    |
| Murshid  |
| Jibin    |
+-----+
```

	Hishana	
	Aparna	
	Anu	

+-----+

6 rows in set (0.00 sec)

```
mysql> Select * from employee where Emp_name="Martin" and salary>20000;  
Empty set (0.00 sec)
```