

## LAB 3

EMPLOYEE Table:

EMP_ID	EMP_NAME	DESIGNATION	MANAGER_ID	DOJ	DEPT_ID	SALARY
1008	Kiran	Principal		1978-02-01	DEPT_1004	99000.00
1001	Akash	Salesman	1008	1991-07-15	DEPT_1003	35000.00
1002	Rishabh	Manager	1008	1992-05-23	DEPT_1001	65000.00
1004	Ridhi	Manager	1008	1987-11-22	DEPT_1001	85000.00
1003	Rihan	Analyst	1004	1991-07-15	DEPT_1001	55000.00
1007	Seema	Manager	1008	1991-07-15	DEPT_1001	65000.00
1005	Sajal	Salesman	1007	1991-07-15	DEPT_1003	35000.00
1006	Biki	Salesman	1002	1999-11-26	DEPT_1003	25000.00

DEPARTMENT Table:

DEPT_NUM	DEPT_NAME	DEPT_LOCATION	Phn_Num
DEPT_1001	Human Resource	Delhi	1111
DEPT_1002	Production	Kolkata	2222
DEPT_1003	Marketing	Kerala	3333
DEPT_1004	Audit	Noida	4444
DEPT_1005	Finance	Andhra Pradesh	5555

1. Display all employee name in upper case as 'ENAME'.

```
mysql> select upper(EMP_NAME) as ENAME from EMPLOYEE;
+-----+
| ENAME |
+-----+
| AKASH |
| RISHABH |
| RIHAN |
| RIDHI |
| SAJAL |
| BIKKI |
| SEEMA |
| KIRAN |
+-----+
8 rows in set (0.00 sec)
```

2. Display the last four character of the DEPT\_NAME as 'LastFour' using substring function.

```
mysql> select substring(DEPT_NAME, -4) as LastFour from DEPARTMENT;
+-----+
| LastFour |
+-----+
| urce     |
| tion     |
| ting     |
| udit     |
| ance     |
+-----+
5 rows in set (0.00 sec)
```

3. Display the name of all employees along with their length as 'Number\_of\_Character'.

```
mysql> select EMP_NAME, char_length(EMP_NAME) as Number_of_Character from EMPLOYEE;
```

EMP_NAME	Number_of_Character
Akash	5
Rishabh	7
Rohan	5
Ridhi	5
Sajal	5
Bikki	5
Seema	5
Kiran	5

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

```
mysql>
```

4. Print the average annual salary of employees as Average Annual Salary.

```
mysql> select avg(SALARY) as Average_Annual_Salary from EMPLOYEE;
```

Average_Annual_Salary
58000.0000

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

5. Count the number of employees whose Manager\_ID is 1008.

```
mysql> select count(*) from EMPLOYEE where MANAGER_ID = 1008;
```

count(*)
4

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

6. Display the DOJ as Mgrstartdate by adding 15 months to it.

```
mysql> SELECT date_add( DOJ, INTERVAL 15 MONTH ) as Mgrstartdate FROM EMPLOYEE;
```

Mgrstartdate
1992-10-15
1993-08-23
1992-10-15
1989-02-22
1992-10-15
2001-02-26
1992-10-15
1979-05-01

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

7. Compute and display the experience of all the employees in the current company in terms of years.

```
mysql> SELECT EMP_NAME, TIMESTAMPDIFF(YEAR, DOJ, CURDATE()) AS difference FROM EMPLOYEE;
```

EMP_NAME	difference
Akash	29
Rishabh	28
Rihan	29
Ridhi	33
Sajal	29
Bikki	21
Seema	29
Kiran	43

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

8. Display the last date of the joining month as 'LAST\_DATE\_of\_Joining\_Month' and last day of the Joining month as 'LAST\_DAY\_of\_JOINING\_MONTH' of each employee.

```
mysql> SELECT LAST_DAY(DOJ) as LastDayOfJoiningMonth from EMPLOYEE;
```

LastDayOfJoiningMonth
1991-07-31
1992-05-31
1991-07-31
1987-11-30
1991-07-31
1999-11-30
1991-07-31
1978-02-28

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

9. Print the system date in the format 25th May 2007 Monday.

```
mysql> SELECT DATE_FORMAT(DOJ, '%W %D %M %Y') DOJ FROM EMPLOYEE;
```

DOJ
Monday 15th July 1991
Saturday 23rd May 1992
Monday 15th July 1991
Sunday 22nd November 1987
Monday 15th July 1991
Friday 26th November 1999
Monday 15th July 1991
Wednesday 1st February 1978

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

10. Display the next occurrence of Thursday in this month.

```
mysql> SELECT DATE_ADD(CURDATE(), INTERVAL (9 - DAYOFWEEK(CURDATE())) DAY) as NEXTTHURSDAY;
```

NEXTTHURSDAY
2021-03-15

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

