#### **Database and Management**

#### **System Lab**

Lab Experiment – 6

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#### **Creating the Tables**

#### Q1) Retrieve average salary of all employees.

#### Q2) Retrieve the number of employees.

## Q3) Retrieve distinct number of employee

# Q4) Retrieve total salary of employee group by job.

## Q5) Display the employee information with maximum salary.

### Q6) Find the highest paid employee in department 10.

# Q7) List the employees whose salary is equal to the average of the maximum and minimum salary.

```
mysql> SELECT *
-> FROM EMP
F=> WHERE SALD== (
D=>gns (SELECT MAX(SAL) FROM EMP) + (SELECT MIN(SAL) FROM EMP)
-> ) / 2;
Empty set (0.00 sec)
```

#### Q8) List the employees who joined the company on the same date.

## Q9) Display the employee names in upper and lower case.

```
mysql> SELECT UPPER(ENAME) AS Uppercase_Name, LOWER(ENAME) AS Lowercase_Name
   -> FROM EMP;
 Uppercase_Name | Lowercase_Name
 SMITH
                  smith
 ALLEN
                  allen
 WARD
                 ward
                 jones
 JONES
 MARTIN
                  martin
 BLAKE
                 blake
 CLARK
                 clark
 SCOTT
                 scott
 KING
                 king
 TURNER
                 turner
 ADAMS
                 adams
 JAMES
                  james
 FORD
                  ford
 MILLER
            Structuremiller
14 rows in set (0.01 sec)
```

#### Q10) Find the date of 3 days later from hiredate.

```
mysql> SELECT ENAME, HIREDATE, HIREDATE + INTERVAL 3 DAY AS Date_After_3_Days
   -> FROM EMP;
                     | Date_After_3_Days |
 ENAME
        | HIREDATE
 SMITH
        | 1980-12-17 | 1980-12-20
        1981-02-20 | 1981-02-23
 ALLEN
 WARD
         | 1981-02-22 | 1981-02-25
         1981-04-02 | 1981-04-05
 JONES
 MARTIN | 1981-09-28 | 1981-10-01
 BLAKE
         | 1981-05-01 | 1981-05-04
 CLARK
         | 1981-06-09 | 1981-06-12
 SCOTT
         | 1982-12-09 | 1982-12-12
 KING
         | 1981-11-17 | 1981-11-20
 TURNER | 1981-09-08 | 1981-09-11
 ADAMS
         1983-01-12 | 1983-01-15
         1981-12-03 | 1981-12-06
 JAMES
 FORD
          1981-12-03 | 1981-12-06
 MILLER | 1982-01-23 | 1982-01-26
14 rows in set (0.11 sec)
```