DBMS Lab – Experiment 6

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Creating the Tables:

1.

```
mysql> SELECT COUNT(*) FROM EMPTABLE;
+----+
| COUNT(*) |
+----+
| 14 |
+----+
1 row in set (0.00 sec)
```

3.

```
mysql> SELECT COUNT(DISTINCT ENAME) FROM EMPTABLE;
+-----+
| COUNT(DISTINCT ENAME) |
+-----+
| 14 |
+-----+
1 row in set (0.00 sec)
```

4.

5.

mysql>	SELECT *	FROM EMPTA	ABLE WHE	ERE SAL=(SELEC	T MAX(SAL)	FROM	EMPTABLE WHE	ERE SAL<(SELECT	MAX(SAL)	FROM	EMPTABLE));
EMPNO	ENAME	J0B	MGR	HIREDATE	SAL	COMM	DEPTNO				
7788 7902			:	1982-12-09 1981-12-03							
2 rows in set (0.00 sec)											

6.

mysql> S	ELECT *	FROM EMPTABLE	WHERE	SAL=(SELECT	MAX(SAL) F	ROM EMP	TABLE WHER	RE DEPTNO	= 10);
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO		
7839	KING	PRESIDENT	NULL	1981–11–17	5000.00	NULL	10		
1 row in set (0.00 sec)									

7.

```
mysql> SELECT * FROM EMPTABLE WHERE SAL=(SELECT (MAX(SAL)+MIN(SAL))/2 FROM EMPTABLE);
Empty set (0.00 sec)
```

8.

mysql> SELECT * F	ROM EMPTABL	E E WH	ERE HIREDATE	IN (SELECT	HIREDA	TE FROM	EMPTABLE	WHERE EMPN) <>	E.EMPNO);
EMPNO ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	Ĭ			
			1981-12-03 1981-12-03			30 20	Ī			
2 rows in set (0.	+- 00 sec)	+	+	+			+			

```
mysql> SELECT UCASE(ENAME) FROM EMPTABLE;
UCASE(ENAME)
 SMITH
 ALLEN
 WARD
 JONES
 MARTIN
 BLAKE
 CLARK
 SCOTT
 KING
 TURNER
 ADAMS
 JAMES
 FORD
| MILLER
14 rows in set (0.00 sec)
mysql> SELECT LCASE(ENAME) FROM EMPTABLE;
| LCASE(ENAME)
 smith
 allen
 ward
 jones
 martin
 blake
 clark
 scott
 king
 turner
 adams
 james
 ford
 miller
14 rows in set (0.00 sec)
```

mysql> SELECT EMPNO, ENAME, HIREDATE, DATE_ADD(HIREDATE, INTERVAL 3 DAY) FROM EMPTABLE;								
EMPNO	ENAME	HIREDATE	DATE_ADD(HIREDATE,INTERVAL 3 DAY)					
+		1980-12-17 1981-02-20 1981-04-02 1981-04-02 1981-09-28 1981-05-01 1981-06-09 1982-12-09 1981-11-17 1981-09-08 1983-01-12 1981-12-03	1980-12-20 1981-02-23 1981-02-25 1981-04-05 1981-10-01 1981-05-04 1981-06-12 1982-12-12 1981-11-20 1981-09-11 1983-01-15 1981-12-06					
7900 7902 7934	FORD MILLER	1981-12-03 1981-12-03 1982-01-23	1981-12-00 1981-12-06 1982-01-26					
14 rows in set (0.00 sec)								