**NAME: RIFAH SANZIDA**

**ID: 22-47154-1**

**SECTION: C**

# Lab 03: Single-Row Function

1. SELECT SYSDATE AS "DATE" FROM DUAL ;
2. SELECT EMPNO, ENAME, SAL, SAL+(SAL\*15/100) "NEW SAL" FROM EMP;
3. SELECT EMPNO, ENAME, SAL, SAL+(SAL\*15/100) "NEW SALARY", (SAL+(SAL\*15/100))-SAL "INCRESES" FROM EMP;
4. SELECT ENAME, HIREDATE, TO\_CHAR((NEXT\_DAY(HIREDATE,'MONDAY')),'FMDAY," THE "DDSPTH "OF" MONTH,YYYY') FROM EMP;
5. SELECT ENAME, ROUND(MONTHS\_BETWEEN(SYSDATE,HIREDATE),0) MONTHS\_WORKED FROM EMP ORDER BY 2;
6. SELECT ENAME||' EARNS $'||SAL||' MONTHLY BUT WANTS $'||SAL\*3 "DREAM SALARIES" FROM EMP;
7. SELECT INITCAP(ENAME) "ENAME", LENGTH (ENAME) "LENGTH OF ENAME"FROM EMP WHERE ENAME LIKE 'J%' OR ENAME LIKE 'A%' OR ENAME LIKE 'M%'ORDER BY ENAME;
8. SELECT ENAME,COMM,NVL(TO\_CHAR(COMM),'NO COMMISSION') COMM FROM EMP WHERE COMM IS NULL;
9. SELECT RPAD(ENAME, 8)||' '||RPAD(' ', SAL/100+1, '$')EMPLOYEE\_AND\_THEIR\_SALARIES FROM EMP ORDER BY SAL DESC;

# 

# Lab 04: Aggregate Function

# SELECT ROUND (AVG (SAL)), MAX( SAL ) ,MIN(SAL)FROM EMP;

# SELECT ROUND(AVG(SAL)), MAX(SAL), MIN(SAL) FROM EMP GROUP BY DEPTNO;

# SELECT ROUND(AVG(SAL)), MAX(SAL), MIN(SAL) FROM EMP GROUP BY JOB;

# SELECT MIN(SAL) FROM EMP WHERE JOB='MANAGER’;

# SELECT MAX(LOC) FROM DEPT;

# SELECT MAX(SUM(SAL)) FROM EMP GROUP BY JOB;

# SELECT ENAME, DEPTNO, SAL FROM EMP WHERE SAL= (SELECT MAX(SAL)FROM EMP);