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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 "INCREASES" 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||' EARNES \$'||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

1. SELECT ROUND (AVG (SAL)), MAX(SAL) ,MIN(SAL)FROM
EMP;
2. SELECT ROUND(AVG(SAL)), MAX(SAL), MIN(SAL)
FROM EMP GROUP BY DEPTNO;
3. SELECT ROUND(AVG(SAL)), MAX(SAL), MIN(SAL)
FROM EMP GROUP BY JOB;
4. SELECT MIN(SAL) FROM EMP WHERE
JOB='MANAGER';
5. SELECT MAX(LOC) FROM DEPT;
6. SELECT MAX(SUM(SAL)) FROM EMP GROUP BY JOB;
7. SELECT ENAME, DEPTNO, SAL FROM EMP WHERE
SAL= (SELECT MAX(SAL)FROM EMP);