**Solutions for Tutorial Exercise**

1. SELECT JOB, ENAME, SAL

FROM EMP

WHERE SAL IN (SELECT MAX(SAL)

FROM EMP

GROUP BY JOB)

ORDER BY SAL DESC;

2. SELECT ENAME,JOB, SAL

FROM EMP

WHERE SAL IN (SELECT MIN(SAL)

FROM EMP

GROUP BY JOB)

ORDER BY SAL;

3. SELECT DEPTNO, ENAME, HIREDATE

FROM EMP

WHERE (HIREDATE, DEPTNO) IN

(SELECT MAX(HIREDATE),DEPTNO

FROM EMP

GROUP BY DEPTNO)

ORDER BY HIREDATE;

MS Access

SELECT DEPTNO, ENAME, HIREDATE

FROM EMP

WHERE HIREDATE&DEPTNO IN

(SELECT MAX(HIREDATE)&DEPTNO

FROM EMP

GROUP BY DEPTNO)

ORDER BY HIREDATE;

4. SELECT ENAME, SAL SALARY, DEPTNO

FROM EMP E

WHERE SAL > (SELECT AVG(SAL)

FROM EMP

WHERE DEPTNO = E. DEPTNO)

ORDER BY DEPTNO;

MS Access

SELECT ENAME, SAL as SALARY, DEPTNO

FROM EMP E

WHERE SAL > (SELECT AVG(SAL)

FROM EMP

WHERE DEPTNO = E.DEPTNO)

ORDER BY DEPTNO;

5. SELECT DEPTNO, DNAME

FROM DEPT

WHERE DEPTNO NOT IN

(SELECT DEPTNO

FROM EMP);