

```

A> SELECT ENAME ,SAL
    FROM EMP,DEPT
    WHERE EMP.DEPTNO=DEPT.DEPTNO
    AND
    SAL>(SELECT MAX(SAL)
          FROM EMP,DEPT
          WHERE EMP.DEPTNO=DEPT.DEPTNO
          AND
          LOC='CHICAGO' GROUP BY LOC)

```

SQL> /

ENAME	SAL
JONES	2975
SCOTT	3000
KING	5000
FORD	3000

(b) List the name of the employee who works in the same department as SMITH.

```

B> SELECT ENAME
    FROM EMP
    WHERE DEPTNO=(SELECT DEPTNO
                  FROM EMP
                  WHERE ENAME='SMITH')

```

SQL> /

ENAME
SMITH
JONES
SCOTT
ADAMS
FORD

(c) List the name, employee number ,their manager name and manager number.

```
C> SELECT E1.ENAME,E1.EMPNO,E2.ENAME,E2.MGR
      FROM EMP E1, EMP E2
      WHERE E1.MGR=E2.EMPNO
```

```
SQL> /
```

ENAME	EMPNO	ENAME	MGR
SMITH	7369	FORD	7566
ALLEN	7499	BLAKE	7839
MILLER	7934	CLARK	7839

13 rows selected.

(d) List the name of the employee job is same as 'CLARK'.

```
D> SELECT ENAME,JOB
      FROM EMP
      WHERE JOB=(SELECT JOB
                  FROM EMP
                  WHERE ENAME='CLARK')
```

```
SQL> /
```

ENAME	JOB
JONES	MANAGER
BLAKE	MANAGER
CLARK	MANAGER

(e) List the name of employee whose salary is more than 'TURNER'.

```
E> SELECT ENAME
      FROM EMP
      WHERE SAL>(SELECT SAL
                  FROM EMP
                  WHERE ENAME='TURNER')
```

```
SQL> /
```

ENAME

```
-----  
ALLEN  
.....  
.....  
FORD
```

6 rows selected.

f) List the name of employee who joined after 'ALLEN'.

```
F> SELECT ENAME ,HIREDATE  
      FROM EMP  
      WHERE HIREDATE>(SELECT HIREDATE  
                      FROM EMP  
                      WHERE ENAME='ALLEN')
```

SQL> /

```
ENAME    HIREDATE  
-----  
WARD     22-FEB-81  
.....  
MILLER    23-JAN-82
```

11 rows selected.

g) Display the name of the department whose job is 'SALESMAN'.

```
G> SELECT DISTINCT DNAME ,JOB  
      FROM EMP,DEPT  
      WHERE EMP.DEPTNO=DEPT.DEPTNO  
      AND  
      JOB='SALESMAN'
```

SQL> /

```
DNAME      JOB  
-----  
SALES      SALESMAN
```

Z) Display the name of the department in which 'FORD' works.

```
H> SELECT DNAME ,JOB
      FROM EMP,DEPT
      WHERE EMP.DEPTNO=DEPT.DEPTNO
      AND
      ENAME='FORD'
SQL> /
```

```
DNAME      JOB
-----
RESEARCH    ANALYST
```

AA) Display the name of the department whose salary is maximum.

```
I>  SELECT DNAME
      FROM EMP,DEPT
      WHERE EMP.DEPTNO=DEPT.DEPTNO
      AND
      SAL=(SELECT MAX(SAL)
            FROM EMP)
SQL> /
```

```
DNAME
-----
ACCOUNTING
```

BB) Display the name of the city(location) in which 'SMITH' works.

```
J> SELECT LOC
      FROM EMP,DEPT
      WHERE EMP.DEPTNO=DEPT.DEPTNO
      AND
      ENAME='SMITH'
SQL> /
LOC
-----
DALLAS
```

CC) Display the name of the city in which the manager works.

```
K> SELECT LOC
      FROM EMP,DEPT
      WHERE EMP.DEPTNO=DEPT.DEPTNO
            AND
            JOB='MANAGER'
```

```
SQL> /
LOC
```

```
-----
DALLAS
CHICAGO
NEW YORK
```

(f) Display the grade of the employee named 'MARTIN'.

m)List the employees earns more than every employee in 'DALLAS'.

```
M > SELECT ENAME ,SAL
      FROM EMP,DEPT
      WHERE EMP.DEPTNO=DEPT.DEPTNO
            AND
            SAL>(SELECT MAX(SAL)
                  FROM EMP,DEPT
                  WHERE EMP.DEPTNO=DEPT.DEPTNO
                  AND
                  LOC='DALLAS')
```

```
SQL> /
```

```
ENAME      SAL
-----
KING      5000
```

n) Display the name of the department which has no employee.

```

N> SELECT DISTINCT DNAME
    FROM DEPT
      WHERE DEPTNO=ANY(SELECT DEPTNO
                        FROM DEPT
                        MINUS
                        SELECT DEPTNO
                        FROM EMP)

```

```

SQL> /
DNAME

```

OPERATIONS

o) List name, employee number and the name, employee number of their managers' manager

p) list the name of the employee who joined in the same year of 'ADAMS'.

```

P> SELECT ENAME
    FROM EMP
      WHERE TO_CHAR(HIREDATE,'YY')=(SELECT
      TO_CHAR(HIREDATE,'YY')
      FROM EMP
      WHERE ENAME='ADAMS'

```

```

SQL> /
ENAME

```

```

SCOTT
ADAMS

```

q) list the name of the employee who joined in the same month of 'BLAKE'.

```
Q> SELECT ENAME FROM EMP WHERE  
TO_CHAR(HIREDATE,'MM')=(SELECT TO_CHAR(HIREDATE,'MM') FROM EMP  
WHERE ENAME='BLAKE')
```

```
SQL> /  
ENAME
```

```
-----  
BLAKE  
ADAMS
```

**r) list the name of the employee who joined in the same year of
'ADAMS'.**

```
R> SELECT ENAME  
FROM EMP  
WHERE TO_CHAR(HIREDATE,'DD')=(SELECT  
TO_CHAR(HIREDATE,'DD')  
FROM EMP  
WHERE ENAME='ADAMS')
```

```
SQL> /
```

```
ENAME  
-----  
ADAMS  
MILLER
```

s) List the name of the department who gets commissions

```
s) SELECT DISTINCT DNAME  
FROM EMP,DEPT  
WHERE EMP.DEPTNO=DEPT.DEPTNO  
AND  
COMM IS NOT NULL
```

```
SQL> /
```

```
DNAME  
-----  
SALES
```