

SQL FINAL MOCK SET A

QSPIDERS, DECCAN PUNE
TRAINER: VIKAS KALAL

DATE:05-AUG-24
DURATION: 02:00 HRS

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1] WAQTD NAMES OF AN EMP EARNING MORE THAN 1000, WORKING AS A CLERK , HIRED AFTER 1980 & NAME HAVING CHAR 'A' & 'S'.

ANS-

```
1  SELECT ENAME
2  FROM EMP
3  WHERE SAL > 1000 AND
4  JOB = 'CLERK' AND
5  HIREDATE > '31-DEC-80' AND
6  ENAME LIKE '%A%S%'
```

SQL>

ENAME

ADAMS

2] WAQTD DETAILS OF AN EMP ALONG WITH ANNUAL SAL IF EMP HIRED IN THE YEAR 81 IN IN DEPTNO 20 OR 30 AND WORKING AS A MANAGER OR CLERK OR ANALYST.

ANS-

```
1  SELECT EMP.*, SAL * 12 ANNUAL_SAL
2  FROM EMP
3  WHERE HIREDATE LIKE '%81' AND
4  DEPTNO IN (20,30) AND
5  JOB IN ('MANAGER', 'CLERK', 'ANALYST')
```

SQL>

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	ANNUAL_SAL
7566	JONES	MANAGER	7839	02-APR-81	2975		20	35700
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30	34200
7900	JAMES	CLERK	7698	03-DEC-81	950		30	11400
7902	FORD	ANALYST	7566	03-DEC-81	3000		20	36000

3] WAQTD NUMBER OF EMP'S IN EACH DEPTNO IF MIN SAL NEEDED TO PAY FOR EACH DEPTNO IS EXCEEDING 1000.

ANS-

```
SQL> SELECT COUNT(*)
  2   FROM EMP
  3   GROUP BY DEPTNO
  4   HAVING MIN(SAL) > 1000;
```

COUNT(*)

3

OR

```
  1  SELECT COUNT(*),DEPTNO
  2  FROM EMP
  3  GROUP BY DEPTNO
  4* HAVING MIN(SAL) > 1000
SQL> /
```

COUNT(*) DEPTNO

3

10

4] WAQTD NAMES OF AN EMP EARNING LESS THAN 5000 AND HIRED AFTER 1980 & BEFORE 1986 EXCEPT THE EMP'S HIRED IN THE YEAR 82, AND DOESN'T EARN ANY COMM & PRINT THE NAMES IN DESCENDING ORDER.

ANS-

I). USING BETWEEN OPERATOR

```
SQL> SELECT ENAME
  2   FROM EMP
  3   WHERE SAL < 5000 AND
  4   HIREDATE BETWEEN '01-JAN-81' AND '31-DEC-85' AND
  5   HIREDATE NOT LIKE '%82' AND
  6   COMM IS NULL
  7   ORDER BY ENAME DESC;
```

ENAME

JONES

JAMES

FORD

CLARK

BLAKE

II). WITHOUT USING BETWEEN OPERTOR

```
SQL>
  1  SELECT ENAME
  2  FROM EMP
```

```

3  WHERE SAL < 5000 AND
4  HIREDATE > '31-DEC-80' AND
5  HIREDATE < '01-JAN-86' AND
6  HIREDATE NOT LIKE '%82' AND
7  COMM IS NULL
8* ORDER BY ENAME DESC
SQL> /

```

```

ENAME
-----
JONES
JAMES
FORD
CLARK
BLAKE

```

5] WAQTD NAME, DESIGNATION & SALARY OF AN EMP IF EMP IS EARNING MORE THAN 'BLAKE', & WORKING IN SAME DESIGNATION AS THAT OF 'SCOTT'.

ANS-

```

SQL> SELECT ENAME, JOB , SAL
2  FROM EMP
3  WHERE SAL > (SELECT SAL
4               FROM EMP
5               WHERE ENAME = 'BLAKE') AND
6  JOB IN (SELECT JOB
7          FROM EMP
8          WHERE ENAME = 'SCOTT');

```

ENAME	JOB	SAL
FORD	ANALYST	3000
SCOTT	ANALYST	3000

6] WAQTD ENAME , SAL OF AN EMP IF EMP IS EARNING LESS THAN 'TURNER' & WORKING IN SAME LOC WHICH ENDS WITH CHARACTER 'S'.

ANS-

```

SQL> SELECT ENAME ,SAL
2  FROM EMP
3  WHERE SAL < (SELECT SAL
4               FROM EMP
5               WHERE ENAME = 'TURNER') AND
6  DEPTNO IN (SELECT DEPTNO
7             FROM DEPT
8             WHERE LOC LIKE '%S');

```

ENAME	SAL
SMITH	800
ADAMS	1100

7] WAQTD NAME, DNAME, & LOC OF AN EMP WHO IS WORKING AS A MANAGER IN DALLAS OR CHICAGO.

ANS-

```
SQL> SELECT ENAME, DNAME, LOC
2   FROM EMP E, DEPT D
3   WHERE E.DEPTNO = D.DEPTNO AND
4   JOB = 'MANAGER' AND
5   LOC IN ('DALLAS' , 'CHICAGO');
```

ENAME	DNAME	LOC
JONES	RESEARCH	DALLAS
BLAKE	SALES	CHICAGO

8] WAQTD EMP NAME, EMP DEPTNO MGR NAME, MGR SAL & EMP HIREDATE IF EMP IS WORKING IN DEPTNO 10
MANAGER IS EARNING LESS THAN 6000 , EMP IS HIRED IN THE YEAR 81.

ANS-

```
1  SELECT E.ENAME E_NAME, E.DEPTNO E_DEPTNO, M.ENAME M_NAME, M.SAL M_SAL, E.HIREDATE E_HIREDATE
2  FROM EMP E,EMP M
3  WHERE E.MGR = M.EMPNO AND
4  E.DEPTNO = 10 AND
5  M.SAL < 6000 AND
6* E.HIREDATE LIKE '%81'
SQL> /
```

E_NAME	E_DEPTNO	M_NAME	M_SAL	E_HIREDAT
CLARK	10	KING	5000	09-JUN-81

9] CREATE A TABLE WITH NAME STUDENT & 4 COLUMNS SID, SNAME, BRANCH & PERC & INSERT 5 RECORDS INTO IT.

ANS-

```
SQL> SELECT *
2  FROM STUDENT;
```

SID	SNAME	BRANC	PERC
101	SWARAJ	CSE	98.45
102	SHUBHAM	IT	98.46
103	ABHAY	IT	97.74
104	ANIKET	CSE	97.84
105	SEEMA	ETC	96.84

10] WAQTD 6TH MAX SALARY IN EMP TABLE.

ANS-

SQL> SELECT SAL

```
2 FROM (SELECT ROWNUM SRNO ,SAL
3        FROM (SELECT DISTINCT SAL
4              FROM EMP
5              ORDER BY SAL DESC))
6 WHERE SRNO = 6;
```

SAL

1600

SQL FINAL MOCK SET B

QSPIDERS, DECCAN PUNE
TRAINER: VIKAS KALAL

DATE:05-AUG-24
DURATION: 02:00 HRS

1] WAQTD DETAILS ALONG WITH HALF TERM SALARY OF EMP'S WHO IS HIRED AFTER 1980 EXCEPT THE EMP'S HIRED IN THE YEAR 1981 AND EMP'S WHO IS EARNING MORE THAN 1000 AND WORKING AS AN ANALYST.

ANS-

SQL> SELECT EMP.*,SAL * 6 HALF_TERM_SAL

```
2 FROM EMP
3 WHERE HIREDATE > '31-DEC-80' AND
4 HIREDATE NOT LIKE '%81' AND
5 SAL > 1000 AND
6 JOB = 'ANALYST';
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	HALF_TERM_SAL
7788	SCOTT	ANALYST	7566	19-APR-87	3000		20	18000

2] WAQTD NAMES, DESIGNATION, SAL, DEPTNO IF EMP IS WORKING AS AN ANALYST OR CLERK OR MANAGER EXCEPT THE EMP'S WORKING IN DEPTNO 10,30 AND WHOSE NAME HAVING CHAR 'J' AND DESIGNATION IS NOT HAVING CHAR 'K'.

ANS-

SQL> SELECT ENAME,JOB, SAL, DEPTNO

```
2 FROM EMP
3 WHERE JOB IN ('ANALYST','CLERK','MANAGER')AND
4 DEPTNO NOT IN (10,30) AND
5 ENAME LIKE '%J%' AND
6 JOB NOT LIKE '%K%';
```

ENAME	JOB	SAL	DEPTNO
JONES	MANAGER	2975	20

3] WAQTD NUMBER OF EMP'S IN EACH DEPTNO IF EMP IS HIRED IN THE YEAR '81' AND MAX SALARY IN EACH DEPTNO SHOULD NOT BE MORE THAN 3000.

ANS-

```
SQL> SELECT COUNT(*),DEPTNO
2  FROM EMP
3  WHERE HIREDATE LIKE '%81'
4  GROUP BY DEPTNO
5  HAVING MAX(SAL) > 3000;
```

COUNT(*)	DEPTNO
2	10

4] WAQTD NAME & DESIGNATION OF AN EMP EARNING MORE THAN 'WARD' , WORKING IN SAME DESIGNATION AS OF 'JONES' IN DEPTNO 10 OR 20.

ANS-

```
SQL> SELECT ENAME, JOB
2  FROM EMP
3  WHERE SAL > (SELECT SAL
4                FROM EMP
5                WHERE ENAME = 'WARD') AND
6  JOB IN (SELECT JOB
7            FROM EMP
8            WHERE ENAME = 'JONES') AND
9  DEPTNO IN (10,20);
```

ENAME	JOB
CLARK	MANAGER
JONES	MANAGER

5] WAQTD DNAME & LOC OF AN EMP WHOSE NAME HAVING CHAR 'A' IN THERE NAME, HIRED AFTER 'SMITH', AND WORKING IN KING'S DEPTNO.

ANS-

```
SQL> SELECT DNAME, LOC
2  FROM DEPT D, EMP E
3  WHERE D.DEPTNO = E.DEPTNO AND
4  ENAME LIKE '%A%' AND
5  HIRREDATE > (SELECT HIREDATE
6                FROM EMP
```

```

7          WHERE ENAME = 'SMITH') AND
8  E.DEPTNO = (SELECT DEPTNO
9              FROM EMP
10             WHERE ENAME = 'KING');

```

DNAME	LOC
ACCOUNTING	NEW YORK

6] WAQTD ENAME, DESIGNAION , DNAME, LOC & DEPTNO OF AN EMP WHO IS WORKING IN CHICAGO AND WORKING AS A SALESMAN OR CLERK & NAME IS HAVING 'N' IN THERE NAME.

ANS-
SQL> SELECT ENAME, JOB,DNAME, LOC, D.DEPTNO
2 FROM EMP E,DEPT D
3 WHERE E.DEPTNO = D.DEPTNO AND
4 LOC = 'CHICAGO' AND
5 JOB IN ('SALESMAN' , 'CLERK') AND
6 ENAME LIKE '%N%';

ENAME	JOB	DNAME	LOC	DEPTNO
ALLEN	SALESMAN	SALES	CHICAGO	30
MARTIN	SALESMAN	SALES	CHICAGO	30
TURNER	SALESMAN	SALES	CHICAGO	30

7] WAQTD EMP NAME, EMP HIREDATE , MGR NAME, MGR HIREDATE IF EMP IS HIRED AFTER 'ALLEN' AND MANAGER IS HIRED BEFORE 'BLAKE'.

ANS-
SQL> SELECT E.ENAME EMP_NAME,E.HIREDATE EMP_HIREDATE, M.ENAME MGR_NAME, M.HIREDATE MGR_HIREDATE
2 FROM EMP E, EMP M
3 WHERE E.MGR = M.EMPNO AND
4 E.HIREDATE > (SELECT HIREDATE
5 FROM EMP
6 WHERE ENAME = 'ALLEN') AND
7 M.HIREDATE < (SELECT HIREDATE
8 FROM EMP
9 WHERE ENAME = 'BLAKE');

EMP_NAME	EMP_HIRED	MGR_NAME	MGR_HIRED
SCOTT	19-APR-87	JONES	02-APR-81
FORD	03-DEC-81	JONES	02-APR-81

8] CREATE A TABLE WITH NAME FRIENDS WITH 4 COLUMNS (FID, FNAME, GENDER, MOB) AND INSERT 5 RECORDS INTO IT.
ANS-

```
SQL> SELECT *  
      2  FROM FRIENDS;
```

FID FNAME	GENDER	MOB
101 SHUBHAM PATIL	MALE	9875468214
102 SAMRUDDHI KASAR	FEMALE	9845672134
103 ABHAY RATHOD	MALE	8756412535
104 SHALINI JAKKULA	FEMALE	7845123265
105 ANIKET KAMBLE	MALE	9865321245

9] WAQTD 8TH MINIMUM SALARY IN EMP TABLE.

ANS-

```
SQL> SELECT SAL  
      2  FROM (SELECT ROWNUM SRNO ,SAL  
      3          FROM (SELECT DISTINCT SAL  
      4                  FROM EMP  
      5                  ORDER BY SAL))  
      6  WHERE SRNO = 8;
```

SAL

2450

10] WAQTD NAME, HIREDATE & DEPTNO OF AN EMP WHO HIRED ON 'THURSDAY' AND NAME IS HAVING FIRST CHAR 'J' IN THERE NAME USING SINGLE ROW FUNCTION.

ANS-

```
SQL> SELECT ENAME,HIREDATE,DEPTNO  
      2  FROM EMP  
      3  WHERE TO_CHAR(HIREDATE,'DY') = 'THU' AND  
      4  ENAME LIKE 'J%';
```

ENAME	HIREDATE	DEPTNO
JONES	02-APR-81	20
JAMES	03-DEC-81	30

SQL FINAL MOCK SET C

QSPIDERS, DECCAN PUNE
TRAINER: VIKAS KALAL

DATE:05-AUG-24
DURATION: 02:00 HRS

1] WAQTD DETAILS OF AN EMP ALONG WITH 23% DEDUCTION IN THE SALARY OF ALL THE EMP'S IF EMP IS WORKING AS 'CLERK' IN DEPTNO 20 & NAME STARTS WITH 'A' AND ENDS WITH 'S'

ANS-

```
SQL> SELECT EMP.*, SAL - SAL * 0.23 DED_SAL
```

```
2 FROM EMP
3 WHERE JOB = 'CLERK' AND
4 DEPTNO = 20 AND
5 ENAME LIKE 'A%S';
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	DED_SAL
7876	ADAMS	CLERK	7788	23-MAY-87	1100		20	847

2] WAQTD NUMBER OF EMP'S WORKING AS PRESIDENT OR ANALYST AND EARNING MORE THAN 2000 IN EACH DEPARTMENT.

ANS-

```
SQL> SELECT COUNT(*), DNAME
```

```
2 FROM DEPT D, EMP E
3 WHERE D.DEPTNO = E.DEPTNO AND
4 JOB IN ('PRESIDENT', 'ANALYST') AND
5 SAL > 2000
6 GROUP BY DNAME;
```

COUNT(*) DNAME

```
-----
1 ACCOUNTING
2 RESEARCH
```

OR

```
SQL> SELECT COUNT(*)
```

```
2 FROM DEPT D, EMP E
3 WHERE D.DEPTNO = E.DEPTNO AND
4 JOB IN ('PRESIDENT', 'ANALYST') AND
5 SAL > 2000
6 GROUP BY DNAME;
```

COUNT(*)

```
-----
1
2
```

3] WAQTD TOTAL SAL OF EMP'S ALONG WITH JOB IN EACH DESIGNATION IF MAX SAL IS MORE THAN 2000 AND MIN SAL IS LESS THAN 3000.

ANS-

```
SQL> SELECT SUM(SAL), JOB
2  FROM EMP
3  GROUP BY JOB
4  HAVING MAX(SAL) > 2000 AND
5         MIN(SAL) < 3000;
```

SUM(SAL) JOB

8275 MANAGER

4] WAQTD EMPNO & ENAME ALONG WITH HALF TERM SAL OF ALL THE EMPS IF THEIR HALF TERM SAL IS GREATER THAN 'MILLER'S' HALF TERM SAL AND HIRED BEFORE 'KING'.

ANS-

```
SQL> SELECT EMPNO , ENAME, SAL * 6  HALF_TERM_SAL
2  FROM EMP
3  WHERE SAL * 6 > (SELECT SAL * 6
4                  FROM EMP
5                  WHERE ENAME = 'MILLER') AND
6  HIREDATE < (SELECT HIREDATE
7              FROM EMP
8              WHERE ENAME = 'KING');
```

EMPNO ENAME HALF_TERM_SAL

7499	ALLEN	9600
7566	JONES	17850
7698	BLAKE	17100
7782	CLARK	14700
7844	TURNER	9000

5] WAQTD ENAME, LOC OF EMPLOYEES WHO ARE SEARCHING SAME SAL AS THAT OF 'SCOTT' IN 'DALLAS' & HE WAS HIRED IN THE MONTH OF DECEMBER.

ANS-

```
SQL> SELECT ENAME, LOC
2  FROM EMP E, DEPT D
3  WHERE SAL = (SELECT SAL
4              FROM EMP
5              WHERE ENAME = 'SCOTT') AND
6  LOC = 'DALLAS' AND
7  HIREDATE LIKE '%DEC%';
```

ENAME	LOC
FORD	DALLAS

6] WAQTD EMP NAME, EMP LOC, MANAGER NAME, MANAGER LOC IF EMP IS WORKING AS 'SALESMAN' IN 'SALES' DEPARTMENT & MANAGER IS WORKING AS ACTUAL MANAGER IN CHICAGO.

ANS-

```
SQL> SELECT E.ENAME EMP_NAME, ED.LOC EMP_LOC, M.ENAME MGR_NAME, MD.LOC MGR_LOC
2  FROM EMP E, DEPT ED, EMP M, DEPT MD
3  WHERE E.DEPTNO = ED.DEPTNO AND
4         E.MGR = M.EMPNO AND
5         M.DEPTNO = MD.DEPTNO AND
6         E.JOB = 'SALESMAN' AND
7         ED.DNAME = 'SALES' AND
8         M.JOB = 'MANAGER' AND
9         MD.LOC = 'CHICAGO';
```

EMP_NAME	EMP_LOC	MGR_NAME	MGR_LOC
ALLEN	CHICAGO	BLAKE	CHICAGO
WARD	CHICAGO	BLAKE	CHICAGO
MARTIN	CHICAGO	BLAKE	CHICAGO
TURNER	CHICAGO	BLAKE	CHICAGO

7] WAQTD 5TH MIN SALARY'S DEPARTMENT NAME OF EMP TABLE USING PSEUDO COLUMNS.

ANS-

```
SQL> SELECT DNAME
2  FROM DEPT
3  WHERE DEPTNO IN (SELECT DEPTNO
4                     FROM (SELECT ROWNUM SRNO, SAL, DEPTNO
5                          FROM (SELECT DISTINCT SAL, DEPTNO
6                               FROM EMP
7                               ORDER BY SAL))
8                     WHERE SRNO = 5);
```

DNAME
ACCOUNTING

OR

```
SQL> SELECT DNAME
2  FROM DEPT D, (SELECT DEPTNO
3                 FROM (SELECT ROWNUM SRNO, SAL, DEPTNO
4                      FROM (SELECT DISTINCT SAL, DEPTNO
5                           FROM EMP
```

```

6          ORDER BY SAL))
7      WHERE SRNO = 5) E
8  WHERE D.DEPTNO = E.DEPTNO;

```

DNAME

ACCOUNTING

8] CREATE A TABLE NAMED CRICKETER WITH 5 COLUMNS (PLAYER_ID, PNAME, COUNTRY, ROLE[BATSMAN/BOWLER/ALL-ROUNDER],JERSEY_NO) AND INSERT AT LEAST 5 RECORDS INTO IT.

ANS-

```

SQL> SELECT *
      2  FROM CRICKETER;

```

PLAYER_ID	PNAME	COUNTRY	ROLE	JERSEY_NO
101	ROHIT SHARMA	INDIA	BATSMAN	45
102	VIRAT KOHLI	INDIA	BATSMAN	18
103	AB DE VILLERS	SOUTH AFRICA	BATSMAN	17
104	R ASHWIN	INDIA	BOLWER	99
105	PAT CUMMINS	AUSTRALIA	ALL ROUNDER	30

9] WAQTD NAME OF AN EMP HIRED ON SATURDAY AND EARNS MORE THAN 'JAMES' IN DEPTNO 10,20 & NAME MUST HAVE CHAR 'M' .

ANS-

```

SQL> SELECT ENAME
      2  FROM EMP
      3  WHERE TO_CHAR(HIREDATE,'DY') = 'SAT' AND
      4          SAL > (SELECT SAL
      5                  FROM EMP
      6                  WHERE ENAME = 'JAMES') AND
      7          DEPTNO IN (10,20) AND
      8          ENAME LIKE '%M%';

```

ENAME

ADAMS
MILLER

10] WAQTD NAMES OF AN EMP WORKING AS MANAGER AND EARNING MORE THAN CLARK AND HIRED AFTER SMITH.

ANS-

```

SQL> SELECT ENAME
      2  FROM EMP
      3  WHERE JOB = 'MANAGER' AND
      4          SAL > (SELECT SAL
      5                  FROM EMP
      6                  WHERE ENAME = 'CLARK') AND

```

```

7      HIREDATE > (SELECT HIREDATE
8                  FROM EMP
9                  WHERE ENAME = 'SMITH');

```

```

ENAME
-----
JONES
BLAKE

```

SQL FINAL MOCK SET D

QSPIDERS, DECCAN PUNE **DATE:05-AUG-24**
TRAINER: VIKAS KALAL **DURATION: 02:00 HRS**

1] WAQTD NAME, WAGES, WAGES WITH 34%HIKE, HALF TERM WAGES FOR ALL THE EMP’S WHO ARE WORKING IN THE DEPTNO 10,30,20 AS MANAGER OR CLERK WHOSE WAGES WITH 34% HIKE IS LESS THAN 3000 RPS.

ANS-
1 SELECT ENAME , SAL , SAL + SAL * 0.34 HIKE_SAL, SAL * 6 HALF_TERM_SAL
2 FROM EMP
3 WHERE DEPTNO IN (10,20,30) AND
4 JOB IN ('MANAGER','CLERK') AND
5* SAL + SAL * 0.34 < 3000

SQL> /

ENAME	SAL	HIKE_SAL	HALF_TERM_SAL
SMITH	800	1072	4800
ADAMS	1100	1474	6600
JAMES	950	1273	5700
MILLER	1300	1742	7800

2] WAQTD NUMBER OF EMP’S IN EACH DESIGNATION IF EMP’S HIRED AFTER 1980 EXCEPT 1987 MAX SALARY SHOULD NOT CROSS 4000 AND TOTAL SALARY SHOULD CROSS 5000.

ANS-
1 SELECT COUNT(*), JOB
2 FROM EMP
3 WHERE HIREDATE > '31-DEC-80' AND
4 HIREDATE NOT LIKE '%87'
5 GROUP BY JOB
6 HAVING MAX(SAL) < 4000 AND
7 SUM(SAL) > 5000;

COUNT(*) JOB

4 SALESMAN
3 MANAGER

3] WAQTD NAMES OF EMP'S WHO ARE EARNING LESS THAN 'BLAKE' IN THE DESIGNATION OF 'MILLER' IN THE DEPTNO OF 10 OR 30.

ANS-

```
SQL> SELECT ENAME
2  FROM EMP
3  WHERE SAL < (SELECT SAL
4                FROM EMP
5                WHERE ENAME = 'BLAKE') AND
6        JOB IN (SELECT JOB
7                FROM EMP
8                WHERE ENAME = 'MILLER') AND
9        DEPTNO IN (10,30);
```

ENAME

MILLER
JAMES

4] WAQTD DNAME & LOC OF EMP'S WHO ARE WORKING IN THE SAME DEPTNO AS OF 'WARD' OR 'FORD' AND EMP SHOULD HIRED BEFORE 'CLARK'.

ANS-

```
SQL> SELECT DNAME,LOC
2  FROM DEPT
3  WHERE DEPTNO IN (SELECT DEPTNO
4                    FROM EMP
5                    WHERE ENAME IN ('WARD', 'FORD') AND
6                    HIREDATE < (SELECT HIREDATE
7                                FROM EMP
8                                WHERE ENAME = 'CLARK'));
```

DNAME LOC

SALES CHICAGO

5] WAQTD NUMBER OF EMP'S WORKING IN ALLEN'S MANAGER DESIGNATION WITHOUT EARNING ANY COMMISSION.

ANS-

```
SQL> SELECT COUNT(*)
2  FROM EMP
3  WHERE JOB IN (SELECT JOB
4                FROM EMP
5                WHERE EMPNO IN (SELECT MGR
```

ANS-

SQL> /

=====

ANS-

SQL> /

EMP_NAME	MGR_NAME	MGR'S_MGR_
MILLER	CLARK	KING

8] WAQTD MANAGER NAME OF EMP WHO IS EARNING 4TH MINIMUM SALARY.

ANS-

```

1  SELECT ENAME MGR_NAME
2  FROM EMP
3  WHERE EMPNO IN (SELECT MGR
4                  FROM EMP
5                  WHERE SAL IN (SELECT SAL
6                  FROM (SELECT ROWNUM SRNO, SAL
7                  FROM (SELECT DISTINCT SAL
8                  FROM EMP
9                  ORDER BY SAL))
10*         WHERE SRNO = 4))

```

SQL> /

MGR_NAME

BLAKE

OR

```

1  SELECT ENAME MGR_NAME
2  FROM EMP
3  WHERE EMPNO IN (SELECT MGR
4                  FROM EMP
5                  WHERE SAL IN (SELECT MIN(SAL)
6                  FROM EMP
7                  WHERE SAL > (SELECT MIN(SAL)
8                  FROM EMP
9                  WHERE SAL > (SELECT MIN(SAL)
10                 FROM EMP
11                 WHERE SAL > (SELECT MIN(SAL)
12*                FROM EMP))))))

```

SQL> /

MGR_NAME

BLAKE

9] CREATE A TABLE WITH THE NAME 'ACTORS' WITH 5 COLUMNS (ACTOR_ID, ACTOR_NAME, LANGUAGE, FAMOUS_MOVIE, COST_PER_MOVIE) AND INSERT 5 VALUES INTO THE TABLE.

ANS-

> SQL> SELECT *

2 FROM ACTOR;

ACTOR_ID	ACTOR_NAME	LANG	FAMOUS_MOVIES	COST_PER_MOVIE
101	AKSHAY	HINDI	KHILADI	600000.66
102	ALLU ARJUN	TELUGU	ALLA VAIKUNTPURMULU	560000.66
103	SHAHRAKH	HINDI	DIWANA	640000.86
104	SALMAN	HINDI	NO ENTRY	446000.06
105	GOVINDA	HINDI	HUM	740000.96

10] WAQTD DETAILS OF EMP'S WHO ARE HAVING VOWELS IN THE NAME EXCEPT CHAR 'E' AND EVEN DIGIT MANAGER NUMBER & ODD DIGIT EMPNO.

ANS-

```
1 SELECT *
2 FROM EMP
3 WHERE (ENAME LIKE '%A%' OR
4        ENAME LIKE '%I%' OR
5        ENAME LIKE '%O%' OR
6        ENAME LIKE '%U%') AND
7        ENAME NOT LIKE '%E%' AND
8        MOD(MGR,2) = 0 AND
9*       MOD(EMPNO, 2) != 0
```

SQL> /

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	17-DEC-80	800		20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30

OR

```
1 SELECT *
2 FROM EMP
3 WHERE (INSTR(ENAME,'A') > 0 OR
4        INSTR(ENAME,'I') > 0 OR
5        INSTR(ENAME,'O') > 0 OR
6        INSTR(ENAME,'U') > 0) AND
7        INSTR(ENAME,'E') = 0 AND
8        MOD(MGR,2) = 0 AND
9*       MOD(EMPNO, 2) != 0
```

SQL> /

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	17-DEC-80	800		20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30