

## PSEUDO COLUMNS

1] WAQTD 5TH RECORD FROM EMP TABLE.

SLNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
5	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	

2] WAQTD ENAME, SAL FROM 7TH RECORD.

ENAME	SAL
CLARK	2450

3] WAQTD DETAILS OF 1ST, 3RD, 5TH, 8TH RECORD.

SLNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369	SMITH	CLERK	7902	17-DEC-80	800		20

3	7521 WARD	SALESMAN	7698 22-FEB-81	1250	500
30					
5	7654 MARTIN	SALESMAN	7698 28-SEP-81	1250	1400
30					
8	7788 SCOTT	ANALYST	7566 19-APR-87	3000	20

4] WAQTD ENAME OF 8TH, 7TH & 6TH RECORD.

ENAME

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BLAKE

CLARK

SCOTT

5] WAQTD DNAME OF 4TH RECORD.

DNAME

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RESEARCH

6] WAQTD DNAME OF 6TH RECORD IN EMP TABLE.

DNAME

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SALES

7] WAQTD 2ND MAX SAL.

SAL

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3000

8] WAQTD 3RD MAX SAL USING ROWNUM.

SAL

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2975

9] WAQTD ENAME WHO EARNS 4TH MIN SAL.

ENAME

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MARTIN

WARD

10] WAQTD 7TH 8TH & 9TH MAX SAL.

SAL

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1500

1300

1250

11] WAQTD DNAME OF EMP EARNING 6TH MIN SAL.

DNAME

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SALES

12] WAQTD DETAILS OF EMP WHO EARNS 10TH MAX SAL.

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
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DEPTNO

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7876	ADAMS	CLERK	7788	23-MAY-87	1100	20
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13] WAQTD LOC OF EMP WHO EARNS 2ND MIN SAL.

LOC

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CHICAGO

14] WAQTD DEPTNO OF EMP EARNING 12TH MAX SAL.

DEPTNO

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20

15] WAQTD ENAME, SAL, COMM WHO EARNS 7TH MAX SAL.

ENAME            SAL            COMM

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TURNER            1500            0

16] WAQTD LAST 3 RECORDS FROM EMP TABLE.

SLNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
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14	7934	MILLER	CLERK	7782	23-JAN-82	1300	10
13	7902	FORD	ANALYST	7566	03-DEC-81	3000	20
12	7900	JAMES	CLERK	7698	03-DEC-81	950	30

17] WAQTD 7TH MIN SAL.

SAL
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1600

18] WAQTD LAST RECORD FROM EMP TABLE.

SLNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
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19] WAQTD LAST 5 RECORDS IN EMP TABLE.

SLNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
14	7934	MILLER	CLERK	7782	23-JAN-82	1300	10
13	7902	FORD	ANALYST	7566	03-DEC-81	3000	20
12	7900	JAMES	CLERK	7698	03-DEC-81	950	30
11	7876	ADAMS	CLERK	7788	23-MAY-87	1100	20
10	7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0

30

20] WAQTD 10TH MAX SALARY.

SAL

1100