SQL> --TO_CHAR() With Number Format Models—

SQL> SELECT

- 2 1234.00 NUM1,
- 3 TO_CHAR(1234.00,'9999D99') Result
- 4 FROM DUAL;

NUM1 RESULT

1234 1234.00

SQL> SELECT

- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal
- 6 FROM Emp;

JOB	SAL
SALESMAN	1600
SALESMAN	1250
SALESMAN	1250
MANAGER	2850
SALESMAN	1500
CLERK	950
CLERK	800
MANAGER	2975
MANAGER	2450
ANALYST	3000
PRESIDENT	5000
CLERK	1100
ANALYST	3000
CLERK	1300
	SALESMAN SALESMAN SALESMAN MANAGER SALESMAN CLERK CLERK MANAGER MANAGER ANALYST PRESIDENT CLERK ANALYST

14 rows selected.

SQL> ED

Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 TO_CHAR(Sal,'9999D99') Sal
- 6* FROM Emp

SQL> /

EMPNO ENAME JOB SAL

7499 ALLEN	SALESMAN	1600.00
7521 WARD	SALESMAN	1250.00
7654 MARTIN	SALESMAN	1250.00
7698 BLAKE	MANAGER	2850.00
7844 TURNER	SALESMAN	1500.00
7900 JAMES	CLERK	950.00
7369 SMITH	CLERK	800.00
7566 JONES	MANAGER	2975.00
7782 CLARK	MANAGER	2450.00
7788 SCOTT	ANALYST	3000.00
7839 KING	PRESIDENT	5000.00
7876 ADAMS	CLERK	1100.00
7902 FORD	ANALYST	3000.00
7934 MILLER	CLERK 1	.300.00

14 rows selected.

SQL> SELECT

2 1234 NUM1

3

4 TO_CHAR(1234,'9.9EEEE') Result

5 FROM DUAL;

NUM1 RESULT

1234 1.2E+03

SQL> SELECT

- 2 1234.00 NUM1,
- 3 TO_CHAR(1234.00,'9G999D99') Result
- 4 FROM DUAL;

NUM1 RESULT

1234 1,234.00

SQL> SELECT

- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal
- 6 FROM Emp;

_	EMPNO ENAME	JOB	SAL
	7499 ALLEN 7521 WARD	SALESMAN SALESMAN	1600 1250
	7654 MARTIN	SALESMAN	1250
	7698 BLAKE	MANAGER	2850
	7844 TURNER	SALESMAN	1500

7900 JAMES	CLERK	950
7369 SMITH	CLERK	800
7566 JONES	MANAGER	2975
7782 CLARK	MANAGER	2450
7788 SCOTT	ANALYST	3000
7839 KING	PRESIDENT	5000
7876 ADAMS	CLERK	1100
7902 FORD	ANALYST	3000
7934 MILLER	CLERK	1300

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 TO_CHAR(Sal,'9G999D99') Sal
- 6* FROM Emp

SQL> /

EMPN	O ENAME	JOB	SAL	
 7400	ALLEN	CALECM/	 \NI 1 6	00 00
	ALLEN	SALESMA	•	00.00
	WARD	SALESM		250.00
7654	MARTIN	SALESM	IAN 1,	250.00
7698	BLAKE	MANAGE	R 2,8	50.00
7844	TURNER	SALESM	1AN 1,	500.00
7900	JAMES	CLERK	950	.00
7369	SMITH	CLERK	800	.00
7566	JONES	MANAGE	R 2,9	75.00
7782	CLARK	MANAGE	R 2,4	50.00
7788	SCOTT	ANALYS	Γ 3,00	00.00
7839	KING	PRESIDE	NT 5,0	00.00
7876	ADAMS	CLERK	1,10	0.00
7902	FORD	ANALYST	3,00	00.00
7934	MILLER	CLERK	1,300	0.00

14 rows selected.

SQL> SELECT

- 2 1234.00 NUM1,
- 3 TO_CHAR(1234.00,'9G999D99L') Result
- 4 FROM DUAL;

NUM1 RESULT

1234 1,234.00\$

·

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 1234.00 NUM1,
- 3 TO_CHAR(1234.00,'9G999D99L','NLS_CURRENCY=INR') Result
- 4* FROM DUAL

SQL> /

NUM1 RESULT

1234 1,234.00INR

SQL> SELECT

- 2 Ename,
- 3 Job,
- 4 Sal,
- 5 Deptno
- 6 FROM Emp;

ENAME	JOB	SAL	DEPTNO
ALLEN	SALESMAN	160	0 30
WARD	SALESMAN	125	50 3 0
MARTIN	SALESMAN	12	50 30
BLAKE	MANAGER	285	0 , 30
TURNER	SALESMAN	15	00 30
JAMES	CLERK	950	30
SMITH	CLERK	800	20
JONES	MANAGER	297	5 20
CLARK	MANAGER	245	0 10
SCOTT	ANALYST	3000) 20
KING	PRESIDENT	5000) 10
ADAMS	CLERK	1100	20
FORD	ANALYST	3000	20
MILLER	CLERK	1300	10

14 rows selected.

SOL> ED

Wrote file afiedt.buf

- 1 SELECT
- 2 Ename,
- 3 Job,
- 4 TO_CHAR(Sal,'9G999D99L') Sal,
- 5 Deptno
- 6* FROM Emp

ENAME	JOB	SAL		DEP	TNO	
ALLEN	SALES	MAN	1,600	.00\$	30	
WARD	SALES	MAN	1,250	.00\$	30	i
MARTIN	SALES	SMAN	1,250	0.00\$	30)
BLAKE	MANA	GER	2,850.	.00\$	30	
TURNER	SALES	SMAN	1,500	0.00\$	30)
JAMES	CLERK		950.00	\$	30	
SMITH	CLERK		800.00	\$	20	
JONES	MANA	GER	2,975	.00\$	20	
CLARK	MANA	GER	2,450	.00\$	10	
SCOTT	ANALY	'ST	3,000.0	00\$	20	
KING	PRESID	ENT	5,000.	00\$	10	
ADAMS	CLER	<	1,100.0	0\$	20	
FORD	ANALY	ST	3,000.0	0\$	20	
MILLER	CLERK	,	1,300.00	0\$	10	

14 rows selected.

SQL> ED

Wrote file afiedt.buf

- 1 SELECT
- 2 Ename,
- 3 Job,
- 4 TO_CHAR(Sal,'9G999D99L','NLS_CURRENCY=INR') Sal,
- 5 Deptno
- 6* FROM Emp

SQL> /

ENAME	JOB	SAL	70	DEPT	NO
ALLEN	SALES	MAN	1,600.00	OINR	30
WARD	SALES	MAN	1,250.0	0INR	30
MARTIN	SALES	SMAN	1,250.0	00INR	30
BLAKE	MANA	GER	2,850.00	DINR	30
TURNER	SALES	SMAN	1,500.0	OOINR	30
JAMES	CLERK		950.00IN	IR	30
SMITH	CLERK		800.00IN	IR	20
JONES	MANA	GER	2,975.00	OINR	20
CLARK	MANA	GER	2,450.00	OINR	10
SCOTT	ANALY	'ST	3,000.00	INR	20
KING	PRESID	ENT	5,000.00	INR	10
ADAMS	CLER	<	1,100.00I	NR.	20
FORD	ANALY	ST	3,000.001	[NR	20
MILLER	CLERK		1,300.001	VR.	10

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 125 NUM1,
- 3 25 NUM2,
- 4 25 125 Result
- 5* FROM DUAL

SQL> /

NU	JM1	NUM2	RESULT
SQL> 3 2 12 3 25 4 TO 5* FR	OM DU	, 25 - 125	 100 ,'999MI') Result
SQL> ,	/		

NUM1	NUM	2	RESU
125	25	100-	

SQL> SELECT

- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal,
- 6 Comm
- 7 FROM Emp;

EMPNO ENAME	JOB	SAL	COMM
7499 ALLEN	SALESMAN	1600	300
7521 WARD	SALESMAN	1250	500
7654 MARTIN	SALESMAN	1250	1400
7698 BLAKE	MANAGER	2850	
7844 TURNER	SALESMAN	1500	0
7900 JAMES	CLERK	950	
7369 SMITH	CLERK	800	
7566 JONES	MANAGER	2975	
7782 CLARK	MANAGER	2450	
7788 SCOTT	ANALYST	3000	
7839 KING	PRESIDENT	5000	
7876 ADAMS	CLERK	1100	
7902 FORD	ANALYST	3000	
7934 MILLER	CLERK	1300	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal,
- 6 Comm,
- 7 Sal Comm SalDiff
- 8* FROM Emp

SQL> /

EMPNO ENAME	JOB	SAL	СОММ	SALDIFF
7499 ALLEN	SALESMAN	1600	300	1300
7521 WARD	SALESMAN	1250	500	750
7654 MARTIN	SALESMAN	1250	1400	-150
7698 BLAKE	MANAGER	2850		
7844 TURNER	SALESMAN	1500	0	1500
7900 JAMES	CLERK	950		
7369 SMITH	CLERK	800		1
7566 JONES	MANAGER	2975	7	
7782 CLARK	MANAGER	2450		
7788 SCOTT	ANALYST	3000		
7839 KING	PRESIDENT	5000		
7876 ADAMS	CLERK	1100		
7902 FORD	ANALYST 🔨	3000		
7934 MILLER	CLERK	1300		

14 rows selected.

SQL> ED

Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal,
- 6 Comm,
- 7 Sal NVL(Comm,0) SalDiff
- 8* FROM Emp

EMPNO ENAME	JOB	SAL	COMM	SALDIFF
7499 ALLEN	SALESMAN	1600	300	1300

7521 WARD	SALESMAN	1250	500	750
7654 MARTIN	SALESMAN	1250	1400	-150
7698 BLAKE	MANAGER	2850		2850
7844 TURNER	SALESMAN	1500	0	1500
7900 JAMES	CLERK	950	95	50
7369 SMITH	CLERK	800	80	0
7566 JONES	MANAGER	2975		2975
7782 CLARK	MANAGER	2450		2450
7788 SCOTT	ANALYST	3000	3	3000
7839 KING	PRESIDENT	5000	Ţ	5000
7876 ADAMS	CLERK	1100	1	100
7902 FORD	ANALYST	3000	3	000
7934 MILLER	CLERK	1300	13	800

14 rows selected.

SQL> SELECT

- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal,
- 6 Comm,
- 7 TO_CHAR(Sal NVL(Comm,0),'9G999D99MI') SalDiff
- 8 FROM Emp;

EMPNO ENAME	JOB	SAL	COMM SALDIFF
7499 ALLEN	SALESMAN	1600	300 1,300.00
7521 WARD	SALESMAN	1250	500 750.00
7654 MARTIN	SALESMAN	1250	1400 150.00-
7698 BLAKE	MANAGER	2850	2,850.00
7844 TURNER	SALESMAN	1500	0 1,500.00
7900 JAMES	CLERK	950	950.00
7369 SMITH	CLERK	800	800.00
7566 JONES	MANAGER	2975	2,975.00
7782 CLARK	MANAGER	2450	2,450.00
7788 SCOTT	ANALYST	3000	3,000.00
7839 KING	PRESIDENT	5000	5,000.00
7876 ADAMS	CLERK	1100	1,100.00
7902 FORD	ANALYST	3000	3,000.00
7934 MILLER	CLERK	1300	1,300.00

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,

```
4 Job,
5 Sal,
6 Comm,
7 TO_CHAR(Sal - NVL(Comm,0),'9G999D99PR') SalDiff
8* FROM Emp
SQL>
SQL> /
```

EMPNO ENAME	JOB	SAL	COMM SALDIFF
7499 ALLEN	SALESMAN	1600	300 1,300.00
7521 WARD	SALESMAN	1250	500 750.00
7654 MARTIN	SALESMAN	1250	1400 <150.00>
7698 BLAKE	MANAGER	2850	2,850.00
7844 TURNER	SALESMAN	1500	0 1,500.00
7900 JAMES	CLERK	950	950.00
7369 SMITH	CLERK	800	800.00
7566 JONES	MANAGER	2975	2,975.00
7782 CLARK	MANAGER	2450	2,450.00
7788 SCOTT	ANALYST	3000	3,000.00
7839 KING	PRESIDENT	5000	5,000.00
7876 ADAMS	CLERK	1100	1,100.00
7902 FORD	ANALYST	3000	3,000.00
7902 TORD 7934 MILLER	CLERK	1300	1,300.00

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 Sal,
- 6 Comm,
- 7 TO_CHAR(Sal NVL(Comm,0),'9G999D99PT') SalDiff
- 8* FROM Emp

EMPNO ENAME	JOB	SAL	COMM SALDIFF
7499 ALLEN	SALESMAN	1600	300 1,300.00
7521 WARD	SALESMAN	1250	500 750.00
7654 MARTIN	SALESMAN	1250	1400 (150.00)
7698 BLAKE	MANAGER	2850	2,850.00
7844 TURNER	SALESMAN	1500	0 1,500.00
7900 JAMES	CLERK	950	950.00
7369 SMITH	CLERK	800	800.00
7566 JONES	MANAGER	2975	2,975.00

7782 CLARK	MANAGER	2450	2,450.00
7788 SCOTT	ANALYST	3000	3,000.00
7839 KING	PRESIDENT	5000	5,000.00
7876 ADAMS	CLERK	1100	1,100.00
7902 FORD	ANALYST	3000	3,000.00
7934 MILLER	CLERK	1300	1,300.00

14 rows selected.

SQL> CL SCR

SQL> SELECT

- 2 1234 NUM1,
- 3 TO_CHAR(1234,'RN') RomanNum
- 4 FROM DUAL;

NUM1 ROMANNUM

1234 MCCXXXIV

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 0 NUM1,
- 3 TO_CHAR(0,'RN') RomanNum
- 4* FROM DUAL

SQL> /

NUM1 ROMANNUM

0 ###############

SQL> ED

Wrote file afiedt.buf

- 1 SELECT
- 2 4000 NUM1,
- 3 TO_CHAR(4000,'RN') RomanNum
- 4* FROM DUAL

SQL> /

NUM1 ROMANNUM

4000 ###############

SQL> SELECT

- 2 Empno,
- 3 Ename,
- 4 Job,

- 5 Sal,
- 6 Comm
- 7 FROM EMP;

EMPNO ENAME	JOB	SAL	COMM
 7499 ALLEN	SALESMAN	1600	300
7521 WARD	SALESMAN	1250	500
7654 MARTIN	SALESMAN	1250	1400
7698 BLAKE	MANAGER	2850	
7844 TURNER	SALESMAN	1500	0
7900 JAMES	CLERK	950	
7369 SMITH	CLERK	800	
7566 JONES	MANAGER	2975	
7782 CLARK	MANAGER	2450	
7788 SCOTT	ANALYST	3000	
7839 KING	PRESIDENT	5000	
7876 ADAMS	CLERK	1100	
7902 FORD	ANALYST	3000	
7934 MILLER	CLERK	1300	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Empno,
- 3 Ename,
- 4 Job,
- 5 TO_CHAR(Sal,'RN') Sal,
- 6 TO_CHAR(Comm,'rn') Comm
- 7* FROM EMP

EMPNO ENAME	JOB SAI	COMM	
EMPNO ENAME 7499 ALLEN 7521 WARD 7654 MARTIN 7698 BLAKE 7844 TURNER 7900 JAMES 7369 SMITH 7566 JONES 7782 CLARK	JOB SAI SALESMAN SALESMAN SALESMAN MANAGER SALESMAN CLERK CLERK MANAGER MANAGER	MDC MCCL MCCL MMDCCCL	ccc d mcd ##############################
7788 SCOTT 7839 KING 7876 ADAMS 7902 FORD	ANALYST PRESIDENT #: CLERK ANALYST	MMM ########## MC MMM	±###

```
7934 MILLER
                CLERK
                               MCCC
14 rows selected.
SQL> SELECT
 2 Ename,,
 3.
SQL> SELECT
 2 Ename,
 3 Job,
 4 TO CHAR(Sal, 'S9G999D99') Sal,
 5 TO CHAR(Comm,'S9G999D99') Comm
 6 FROM Emp;
ENAME
                SAL
                       COMM
         JOB
        SALESMAN +1,600.00 +300.00
ALLEN
WARD
        SALESMAN +1,250.00 +500.00
MARTIN
         SALESMAN +1,250.00 +1,400.00
        MANAGER +2,850.00
BLAKE
        SALESMAN +1,500.00
TURNER
                               +.00
                 +950.00
JAMES
        CLERK
SMITH
        CLERK
                  +800.00
JONES
        MANAGER +2,975.00
CLARK
        MANAGER +2,450.00
SCOTT
        ANALYST +3,000.00
KING
        PRESIDENT +5,000.00
ADAMS
        CLERK +1,100.00
FORD
        ANALYST +3,000.00
MILLER
        CLERK
                 +1,300.00
14 rows selected.
SQL> ED
Wrote file afiedt.buf
 1 SELECT
 2 Ename
 3 Job, • (
 4 TO CHAR(Sal, 'S9G999D99') Sal,
 5 TO CHAR(Comm, 'S9G999D99') Comm,
 6 TO_CHAR(Sal - NVL(Comm,0),'S9G999D99') SalDiff
 7* FROM Emp
SQL> /
ENAME
         JOB
                SAL
                       COMM
                               SALDIFF
        SALESMAN +1,600.00 +300.00 +1,300.00
ALLEN
WARD
         SALESMAN +1,250.00 +500.00 +750.00
MARTIN
        SALESMAN +1,250.00 +1,400.00 -150.00
```

BLAKE	MANAGER +2,850.00	+2,850.00
TURNER	SALESMAN +1,500.00	+.00 +1,500.00
JAMES	CLERK +950.00	+950.00
SMITH	CLERK +800.00	+800.00
JONES	MANAGER +2,975.00	+2,975.00
CLARK	MANAGER +2,450.00	+2,450.00
SCOTT	ANALYST +3,000.00	+3,000.00
KING	PRESIDENT +5,000.00	+5,000.00
ADAMS	CLERK +1,100.00	+1,100.00
FORD	ANALYST +3,000.00	+3,000.00
MILLER	CLERK +1,300.00	+1,300.00

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Ename,
- 3 Job,
- 4 TO_CHAR(Sal,'9G999D99S') Sal,
- 5 TO_CHAR(Comm,'9G999D99S') Comm,
- 6 TO_CHAR(Sal NVL(Comm,0), '9G999D99') SalDiff 7* FROM Emp

SQL> /

ENAME	JOB	SAL	COMM	SALDIFF	
ALLEN	SALESM	,	0.00+	300.00+ 1,	
WARD MARTIN		1AN 1,2		500.00+ 1,400.00+	750.00
BLAKE	MANAG	•/	50.00+	2,850	
TURNER	SALES	MAN 1,5	+00.00	.00+ 1,	500.00
JAMES	CLERK	950.	+00	950.00	1
SMITH	CLERK	800.	+00	800.00	
JONES	MANAG	ER 2,97	75.00+	2,975	5.00
CLARK	MANAG	ER 2,45	50.00+	2,450	0.00
SCOTT	ANALYS	ST 3,00	0.00+	3,000.	.00
KING	PRESIDE	ENT 5,00	0.00 +	5,000	.00
ADAMS	CLERK	1,100	+00.0	1,100.0	00
FORD	ANALYS	T 3,000	+00.0	3,000.	00
MILLER	CLERK	1,300	.00+	1,300.0	0

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 Ename,

```
3 Job,
 4 TO_CHAR(Sal, '9G999D99S') Sal,
 5 TO CHAR(Comm, '9G999D99S') Comm,
 6 TO CHAR(Sal - NVL(Comm,0),'9G999D99S') SalDiff
 7* FROM Emp
SQL> /
ENAME
         JOB
                SAL
                       COMM
                               SALDIFF
        SALESMAN 1,600.00+ 300.00+ 1,300.00+
ALLEN
         SALESMAN 1,250.00+ 500.00+ 750.00+
WARD
MARTIN
         SALESMAN 1,250.00+ 1,400.00+ 150.00-
        MANAGER 2,850.00+
                                 2,850.00+
BLAKE
TURNER
        SALESMAN 1,500.00+
                              .00+ 1,500.00+
        CLERK
                950.00+
                               950.00+
JAMES
SMITH
        CLERK
                 +00.008
                                +00.008
        MANAGER 2,975.00+
                                 2,975.00+
JONES
CLARK
        MANAGER 2,450.00+
                                2,450.00+
SCOTT
        ANALYST 3,000.00+
                                3,000.00+
KING
        PRESIDENT 5,000.00+
                                5,000.00+
         CLERK 1,100.00+
                                1,100.00+
ADAMS
        ANALYST 3,000.00+
FORD
                               3.000.00+
        CLERK 1,300.00+
MILLER
                               1,300.00+
14 rows selected.
SQL> SELECT
 2 1234 NUM1
 4 TO_CHAR(1234,'XXXXXXXXX) HexaNum
 5 FROM DUAL;
   NUM1 HEXANUM
   1234
SQL> ED
Wrote file afiedt.buf
 1 SELECT
 2 1234 NUM1
 4 TO_CHAR(1234,'X') HexaNum
 5* FROM DUAL
SQL> /
   NUM1 HE
------
   1234 ##
```

SQL> SELECT

- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 SAL,
- 6 COMM,
- 7 DEPTNO
- 8 FROM EMP;

	EMPNO ENAME	JOB	SAL	COMM	DEPTNO
_	7499 ALLEN	SALESMAN	1600	300	30
	7521 WARD	SALESMAN	1250	500	30
	7654 MARTIN	SALESMAN	1250	1400	30
	7698 BLAKE	MANAGER	2850		30
	7844 TURNER	SALESMAN	1500	0	30
	7900 JAMES	CLERK	950		30
	7369 SMITH	CLERK	800		20
	7566 JONES	MANAGER	2975		20
	7782 CLARK	MANAGER	2450		10
	7788 SCOTT	ANALYST	3000		20
	7839 KING	PRESIDENT	5000		10
	7876 ADAMS	CLERK	1100		20
	7902 FORD	ANALYST	3000		20
	7934 MILLER	CLERK	1300	7	10

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL,'XXXXXXXXX') SAL,
- 6 TO_CHAR(COMM,'XXXXXXXXXX') COMM
- 7* FROM EMP

EMPNO ENAME	JOB	SAL	CON	MM
7400 ALLEN	CALECNA			120
7499 ALLEN	SALESMA	AIN .	640	12C
7521 WARD	SALESM	AN	4E2	1F4
7654 MARTIN	SALESM	AN	4E2	578
7698 BLAKE	MANAGE	R	B22	
7844 TURNER	SALESM	IAN	5DC	0
7900 JAMES	CLERK		3B6	
7369 SMITH	CLERK		320	
7566 JONES	MANAGE	R	B9F	

7782 CLARK	MANAGER	992
7788 SCOTT	ANALYST	BB8
7839 KING	PRESIDENT	1388
7876 ADAMS	CLERK	44C
7902 FORD	ANALYST	BB8
7934 MILLER	CLERK	514

14 rows selected.

SQL> SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL, '9G999D99') SAL,
- 6 TO CHAR(COMM, '9G999D99') COMM
- 7* FROM EMP

SQL> /

EMPN	O ENAME	JOB	SAL	COMM	
7499 7521 7654 7698 7844 7900 7369	ALLEN WARD MARTIN BLAKE TURNER JAMES SMITH	SALESMAN SALESMAN SALESMA MANAGER SALESMA CLERK CLERK	1,600 N 1,250 N 1,250 N 1,250 2,850 N 1,50 950.00	.00 ().00 ().00 1 .00 ().00 () (300.00 500.00 ,400.00
7782 7788 7839 7876 7902	JONES CLARK SCOTT KING ADAMS FORD MILLER	MANAGER MANAGER ANALYST PRESIDENT CLERK ANALYST CLERK	2,450 3,000.	.00 00 00 00 00	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL, '9, 999.99') SAL,
- 6 TO_CHAR(COMM,'9,999.99') COMM

7* FROM EMP SQL> /

EMPNO ENAME JOB SAL	COMM
7698 BLAKE MANAGER 2,850).00 500.00).00 1,400.0 .00
7844 TURNER SALESMAN 1,50 7900 JAMES CLERK 950.00 7369 SMITH CLERK 800.00 7566 JONES MANAGER 2,975 7782 CLARK MANAGER 2,450 7788 SCOTT ANALYST 3,000. 7839 KING PRESIDENT 5,000. 7876 ADAMS CLERK 1,100.0 7902 FORD ANALYST 3,000.0 7934 MILLER CLERK 1,300.0	0 0 .00 .00 00 00 00
14 rows selected.	
SQL> ED Wrote file afiedt.buf	
1 SELECT 2 EMPNO, 3 ENAME, 4 JOB, 5 TO_CHAR(SAL,'9G999.99') \$AL, 6 TO_CHAR(COMM,'9,999D99') COMI 7* FROM EMP SQL> / TO_CHAR(SAL,'9G999.99') SAL, *	
ERROR at line 5: ORA-01481: invalid number format mo	del
Wrote file afiedt.buf 1 SELECT 2 EMPNO, 3 ENAME, 4 JOB, 5 TO_CHAR(SAL,'9,999.99L') SAL 6* FROM EMP SQL> /	

EMPNO ENAME	JOB	SAL		
 7499 ALLEN	SALESMAN		1,600.00\$,
7521 WARD	SALESMAN	I	1,250.009	\$
7654 MARTIN	SALESMAN	١	1,250.00	\$
7698 BLAKE	MANAGER		2,850.00\$,
7844 TURNER	SALESMAI	V	1,500.00	\$
7900 JAMES	CLERK		950.00\$	
7369 SMITH	CLERK		800.00\$	
7566 JONES	MANAGER		2,975.00\$,
7782 CLARK	MANAGER		2,450.00\$;
7788 SCOTT	ANALYST		3,000.00\$	
7839 KING	PRESIDENT		5,000.00\$	
7876 ADAMS	CLERK		1,100.00\$	
7902 FORD	ANALYST		3,000.00\$	
7934 MILLER	CLERK		1,300.00\$	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL,'L9,999.99') SAL
- 6* FROM EMP

SQL> /

JOB SAL	
SALESMAN	\$1,600.00
SALESMAN	\$1,250.00
SALESMAN	\$1,250.00
MANAGER	\$2,850.00
SALESMAN	\$1,500.00
CLERK	\$950.00
CLERK	\$800.00
MANAGER	\$2,975.00
MANAGER	\$2,450.00
ANALYST	\$3,000.00
PRESIDENT	\$5,000.00
CLERK	\$1,100.00
ANALYST	\$3,000.00
CLERK	\$1,300.00
	SALESMAN SALESMAN SALESMAN MANAGER SALESMAN CLERK CLERK MANAGER MANAGER MANAGER ANALYST PRESIDENT CLERK ANALYST

14 rows selected.

Wrote file afiedt.buf

```
1 SELECT
```

2 EMPNO,

3 ENAME,

4 JOB,

5 TO_CHAR(SAL,'\$9,999.99') SAL

6* FROM EMP

SQL> /

EM	1PN(O ENAME	J	OB	S	AL		
7	 499	ALLEN	SAI	LESM	AN	\$1,	600.(00
7.	521	WARD	SA	LESM	1AN	\$1,	,250.	.00
70	654	MARTIN	SA	ALESN	4AN	\$1	,250	.00
70	598	BLAKE	MA	NAG	ΞR	\$2,	850.0	00
78	844	TURNER	SA	ALESI	MAN	\$1	,500	.00
79	900	JAMES	CLI	ERK		\$950	0.00	
73	369	SMITH	CLI	ERK		\$800	0.00	
7.	566	JONES	MA	NAGI	ΞR	\$2,	975.	00
7	782	CLARK	MA	NAGI	ER	\$2,	450.	00
7	788	SCOTT	ΑN	ALYS	T	\$3,0	0.00	0
78	839	KING	PRE	SIDE	NT	\$5,0	0.00	00
78	376	ADAMS	CL	ERK	:	\$1,10	00.00)
79	902	FORD	AN	ALYS	Т	\$3,0	00.0	0
79	934	MILLER	CL	ERK	\$	1,30	0.00	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL, '9, 999.99\$') SAL
- 6* FROM EMP

EMPNO	ENAME	JOB	SAL
 7499 A	LLEN	SALESMAN	s1,600.00
7521 W	/ARD	SALESMAI	N \$1,250.00
7654 M	ARTIN	SALESMA	N \$1,250.00
7698 B	LAKE	MANAGER	\$2,850.00
7844 TI	URNER	SALESMA	N \$1,500.00
7900 J <i>A</i>	AMES	CLERK	\$950.00
7369 S	MITH	CLERK	\$800.00
7566 JO	ONES	MANAGER	\$2,975.00

```
7782 CLARK MANAGER $2,450.00
7788 SCOTT ANALYST $3,000.00
7839 KING PRESIDENT $5,000.00
7876 ADAMS CLERK $1,100.00
7902 FORD ANALYST $3,000.00
7934 MILLER CLERK $1,300.00
```

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL, '9G999D99') SAL,
- 6 TO_CHAR(COMM, '9G999D99') COMM,
- 7 TO CHAR(SAL + NVL(COMM,0),'9G999D99') TotSal
- 8* FROM EMP

SQL> /

EMPNO ENAME	JOB	SAL C	СОММ	TOTSAL	
7499 ALLEN	SALESMAN	1,600.0	0 300	.00 1,900.0	00
7521 WARD	SALESMAI	N 1,250.	00 500	0.00 1,750.	00
7654 MARTIN	SALESMA	N 1,250.	00 1,40	0.00 2,650	.00
7698 BLAKE	MANAGER	2,850.0	0	2,850.00	
7844 TURNER	SALESMA	N 1,500.	.00	00 1,500.0	0
7900 JAMES	CLERK	950.00		950.00	
7369 SMITH	CLERK	800.00		800.00	
7566 JONES	MANAGER	2,975.0	0	2,975.00	
7782 CLARK	MANAGER	2,450.0	00	2,450.00	
7788 SCOTT	ANALYST	3,000.00	0	3,000.00	
7839 KING	PRESIDENT	5,000.0	0	5,000.00	
7876 ADAMS	CLERK	1,100.00)	1,100.00	
7902 FORD	ANALYST	3,000.00)	3,000.00	
7934 MILLER	CLERK	1,300.00		1,300.00	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL,'09G999D99') SAL,
- 6 TO CHAR(NVL(COMM,0),'09G999D99') COMM,

7 TO_CHAR(SAL + NVL(COMM,0),'09G999D99') TotSal 8* FROM EMP SQL> /

EMPNO ENAME	JOB	SAL	COMM	TOTSAL	
 7499 ALLEN	SALESMA	N 01,6	500.00 00,3	00.00 01,900.00)
7521 WARD	SALESMA	AN 01,	250.00 00,5	500.00 01,750.0	0
7654 MARTIN	SALESM	AN 01,	250.00 01,4	400.00 02,650.0	00
7698 BLAKE	MANAGE	R 02,8	50.00 00,0	00.00 02,850.00)
7844 TURNER	SALESM	AN 01,	500.00 00,	000.00 01,500.0	00
7900 JAMES	CLERK	00,950	0.00 00,000	.00 00,950.00	
7369 SMITH	CLERK	00,800	0.00 00,000	.00 00,800.00	
7566 JONES	MANAGEI	R 02,9	75.00 00,0	00.00 02,975.00)
7782 CLARK	MANAGEI	R 02,4	50.00 00,0	00.00 02,450.00	כ
7788 SCOTT	ANALYST	03,00	00.00 00,00	0.00 03,000.00	
7839 KING	PRESIDEN	IT 05,0	00.00 00,00	00.00 05,000.00	
7876 ADAMS	CLERK	01,10	0.00 00,00	0.00 01,100.00	
7902 FORD	ANALYST	03,00	00,00 00,00	0.00 03,000.00	
7934 MILLER	CLERK	01,300	0.00 00,000	.00 01,300.00	

14 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 EMPNO,
- 3 ENAME,
- 4 JOB,
- 5 TO_CHAR(SAL, '09G999D99C') SAL,
- 6 TO_CHAR(NVL(COMM,0),'09G999D99C') COMM,
- 7 TO_CHAR(SAL + NVL(COMM,0),'09G999D99C') TotSal
- 8* FROM EMP

EMPNO ENAME	JOB	SAL	СОММ	TOTSAL
7499 ALLEN 01,900.00USD	SALESMAN	N	01,600.00USD	00,300.00USD
7521 WARD	SALESMA	N	01,250.00USD	00,500.00USD
01,750.00USD 7654 MARTIN	SALESMA	λN	01,250.00USD	01,400.00USD
02,650.00USD 7698 BLAKE	MANAGER	_	02,850.00USD	00,000.00USD
02,850.00USD				

7844 TURNER	SALESMAN	01,500.00USD	00,000.00USD	
01,500.00USD 7900 JAMES	CLERK	00,950.00USD	00,000.00USD	00,950.00USD
7369 SMITH	CLERK	00,800.00USD	00,000.00USD	00,800.00USD
7566 JONES	MANAGER	02,975.00USD	00,000.00USD	•
02,975.00USD				
7782 CLARK	MANAGER	02,450.00USD	00,000.00USD	
02,450.00USD				
7788 SCOTT	ANALYST	03,000.00USD	00,000.00USD	
03,000.00USD				
7839 KING	PRESIDENT	05,000.00USD	00,000.00USD	
05,000.00USD				X 0
7876 ADAMS	CLERK	01,100.00USD	00,000.00USD	01,100.00USD
7902 FORD	ANALYST	03,000.00USD	00,000.00USD	
03,000.00USD				
7934 MILLER	CLERK	01,300.00USD	00,000.00USD	01,300.00USD

14 rows selected.

SQL> SPOOL OFF

