

Spool File For Oracle Students Trained By Mr. Balram

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;
```

EMPNO	ENAME	JOB	SAL
7499	ALLEN	SALESMAN	1600
7521	WARD	SALESMAN	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,'9999D99') Sal
6* FROM Emp
SQL> /
```

EMPNO	ENAME	JOB	SAL
-------	-------	-----	-----

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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	1300.00

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	SALESMAN	1600
7521	WARD	SALESMAN	1250
7654	MARTIN	SALESMAN	1250
7698	BLAKE	MANAGER	2850
7844	TURNER	SALESMAN	1500

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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> /
```

EMPNO	ENAME	JOB	SAL
7499 ALLEN	SALESMAN	1,600.00	
7521 WARD	SALESMAN	1,250.00	
7654 MARTIN	SALESMAN	1,250.00	
7698 BLAKE	MANAGER	2,850.00	
7844 TURNER	SALESMAN	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> SELECT
2 1234.00 NUM1,
3 TO_CHAR(1234.00,'9G999D99L') Result
4 FROM DUAL;
```

NUM1	RESULT
1234	1,234.00\$

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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	1600	30
WARD	SALESMAN	1250	30
MARTIN	SALESMAN	1250	30
BLAKE	MANAGER	2850	30
TURNER	SALESMAN	1500	30
JAMES	CLERK	950	30
SMITH	CLERK	800	20
JONES	MANAGER	2975	20
CLARK	MANAGER	2450	10
SCOTT	ANALYST	3000	20
KING	PRESIDENT	5000	10
ADAMS	CLERK	1100	20
FORD	ANALYST	3000	20
MILLER	CLERK	1300	10

14 rows selected.

SQL> ED

Wrote file afiedt.buf

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

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ENAME	JOB	SAL	DEPTNO
ALLEN	SALESMAN	1,600.00\$	30
WARD	SALESMAN	1,250.00\$	30
MARTIN	SALESMAN	1,250.00\$	30
BLAKE	MANAGER	2,850.00\$	30
TURNER	SALESMAN	1,500.00\$	30
JAMES	CLERK	950.00\$	30
SMITH	CLERK	800.00\$	20
JONES	MANAGER	2,975.00\$	20
CLARK	MANAGER	2,450.00\$	10
SCOTT	ANALYST	3,000.00\$	20
KING	PRESIDENT	5,000.00\$	10
ADAMS	CLERK	1,100.00\$	20
FORD	ANALYST	3,000.00\$	20
MILLER	CLERK	1,300.00\$	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	DEPTNO
ALLEN	SALESMAN	1,600.00INR	30
WARD	SALESMAN	1,250.00INR	30
MARTIN	SALESMAN	1,250.00INR	30
BLAKE	MANAGER	2,850.00INR	30
TURNER	SALESMAN	1,500.00INR	30
JAMES	CLERK	950.00INR	30
SMITH	CLERK	800.00INR	20
JONES	MANAGER	2,975.00INR	20
CLARK	MANAGER	2,450.00INR	10
SCOTT	ANALYST	3,000.00INR	20
KING	PRESIDENT	5,000.00INR	10
ADAMS	CLERK	1,100.00INR	20
FORD	ANALYST	3,000.00INR	20
MILLER	CLERK	1,300.00INR	10

14 rows selected.

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SQL> ED
Wrote file afiedt.buf

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

NUM1	NUM2	RESULT
125	25	-100

```
SQL> SELECT
2 125 NUM1,
3 25 NUM2,
4 TO_CHAR(25 - 125,'999MI') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	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	

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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	COMM	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		
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 - NVL(Comm,0) SalDiff
8* FROM Emp
SQL> /
```

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

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

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,
```


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```
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
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
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

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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,

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```
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  
SQL> /
```

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

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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	JOB	SAL	COMM
ALLEN	SALESMAN	+1,600.00	+300.00
WARD	SALESMAN	+1,250.00	+500.00
MARTIN	SALESMAN	+1,250.00	+1,400.00
BLAKE	MANAGER	+2,850.00	
TURNER	SALESMAN	+1,500.00	+.00
JAMES	CLERK	+950.00	
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
ALLEN	SALESMAN	+1,600.00	+300.00	+1,300.00
WARD	SALESMAN	+1,250.00	+500.00	+750.00
MARTIN	SALESMAN	+1,250.00	+1,400.00	-150.00

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BLAKE	MANAGER	+2,850.00	+2,850.00
TURNER	SALESMAN	+1,500.00	+0.00 +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	SALESMAN	1,600.00+	300.00+	1,300.00
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,
```

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```
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
ALLEN	SALESMAN	1,600.00+	300.00+	1,300.00+
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> SELECT
2 1234 NUM1
3 ,
4 TO_CHAR(1234,'XXXXXXXX') HexaNum
5 FROM DUAL;
```

NUM1	HEXANUM
1234	4D2

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 1234 NUM1
3 ,
4 TO_CHAR(1234,'X') HexaNum
5* FROM DUAL
SQL> /
```

NUM1	HE
1234	##

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```
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		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,'XXXXXXXXX') COMM
7* FROM EMP
SQL> /
```

EMPNO	ENAME	JOB	SAL	COMM
7499	ALLEN	SALESMAN	640	12C
7521	WARD	SALESMAN	4E2	1F4
7654	MARTIN	SALESMAN	4E2	578
7698	BLAKE	MANAGER	B22	
7844	TURNER	SALESMAN	5DC	0
7900	JAMES	CLERK	3B6	
7369	SMITH	CLERK	320	
7566	JONES	MANAGER	B9F	

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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> /
```

EMPNO	ENAME	JOB	SAL	COMM
7499 ALLEN	SALESMAN	1,600.00	300.00	
7521 WARD	SALESMAN	1,250.00	500.00	
7654 MARTIN	SALESMAN	1,250.00	1,400.00	
7698 BLAKE	MANAGER	2,850.00		
7844 TURNER	SALESMAN	1,500.00	.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,'9,999.99') SAL,
6 TO_CHAR(COMM,'9,999.99') COMM
```


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```
7* FROM EMP
SQL> /
```

EMPNO	ENAME	JOB	SAL	COMM
7499	ALLEN	SALESMAN	1,600.00	300.00
7521	WARD	SALESMAN	1,250.00	500.00
7654	MARTIN	SALESMAN	1,250.00	1,400.00
7698	BLAKE	MANAGER	2,850.00	
7844	TURNER	SALESMAN	1,500.00	.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,'9G999.99') SAL,
6 TO_CHAR(COMM,'9,999D99') COMM
7* FROM EMP
```

```
SQL> /
TO_CHAR(SAL,'9G999.99') SAL,
*
```

ERROR at line 5:
ORA-01481: invalid number format model

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 EMPNO,
3 ENAME,
4 JOB,
5 TO_CHAR(SAL,'9,999.99L') SAL
6* FROM EMP
SQL> /
```

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EMPNO	ENAME	JOB	SAL
7499	ALLEN	SALESMAN	1,600.00\$
7521	WARD	SALESMAN	1,250.00\$
7654	MARTIN	SALESMAN	1,250.00\$
7698	BLAKE	MANAGER	2,850.00\$
7844	TURNER	SALESMAN	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> /
```

EMPNO	ENAME	JOB	SAL
7499	ALLEN	SALESMAN	\$1,600.00
7521	WARD	SALESMAN	\$1,250.00
7654	MARTIN	SALESMAN	\$1,250.00
7698	BLAKE	MANAGER	\$2,850.00
7844	TURNER	SALESMAN	\$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

Spool File For Oracle Students Trained By Mr. Balram

Wrote file afiedt.buf

```
1 SELECT
2 EMPNO,
3 ENAME,
4 JOB,
5 TO_CHAR(SAL,'$9,999.99') SAL
6* FROM EMP
SQL> /
```

EMPNO	ENAME	JOB	SAL
7499	ALLEN	SALESMAN	\$1,600.00
7521	WARD	SALESMAN	\$1,250.00
7654	MARTIN	SALESMAN	\$1,250.00
7698	BLAKE	MANAGER	\$2,850.00
7844	TURNER	SALESMAN	\$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,'$9,999.99$') SAL
6* FROM EMP
SQL> /
```

EMPNO	ENAME	JOB	SAL
7499	ALLEN	SALESMAN	\$1,600.00
7521	WARD	SALESMAN	\$1,250.00
7654	MARTIN	SALESMAN	\$1,250.00
7698	BLAKE	MANAGER	\$2,850.00
7844	TURNER	SALESMAN	\$1,500.00
7900	JAMES	CLERK	\$950.00
7369	SMITH	CLERK	\$800.00
7566	JONES	MANAGER	\$2,975.00

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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	COMM	TOTSAL
7499 ALLEN	SALESMAN		1,600.00	300.00	1,900.00
7521 WARD	SALESMAN		1,250.00	500.00	1,750.00
7654 MARTIN	SALESMAN		1,250.00	1,400.00	2,650.00
7698 BLAKE	MANAGER		2,850.00		2,850.00
7844 TURNER	SALESMAN		1,500.00	.00	1,500.00
7900 JAMES	CLERK		950.00		950.00
7369 SMITH	CLERK		800.00		800.00
7566 JONES	MANAGER		2,975.00		2,975.00
7782 CLARK	MANAGER		2,450.00		2,450.00
7788 SCOTT	ANALYST		3,000.00		3,000.00
7839 KING	PRESIDENT		5,000.00		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,
```

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

EMPNO	ENAME	JOB	SAL	COMM	TOTSAL
7499	ALLEN	SALESMAN	01,600.00	00,300.00	01,900.00
7521	WARD	SALESMAN	01,250.00	00,500.00	01,750.00
7654	MARTIN	SALESMAN	01,250.00	01,400.00	02,650.00
7698	BLAKE	MANAGER	02,850.00	00,000.00	02,850.00
7844	TURNER	SALESMAN	01,500.00	00,000.00	01,500.00
7900	JAMES	CLERK	00,950.00	00,000.00	00,950.00
7369	SMITH	CLERK	00,800.00	00,000.00	00,800.00
7566	JONES	MANAGER	02,975.00	00,000.00	02,975.00
7782	CLARK	MANAGER	02,450.00	00,000.00	02,450.00
7788	SCOTT	ANALYST	03,000.00	00,000.00	03,000.00
7839	KING	PRESIDENT	05,000.00	00,000.00	05,000.00
7876	ADAMS	CLERK	01,100.00	00,000.00	01,100.00
7902	FORD	ANALYST	03,000.00	00,000.00	03,000.00
7934	MILLER	CLERK	01,300.00	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
SQL> /
```

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

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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				
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