

```
SQL> CONNECT B84USER/ARJUN
Connected.
SQL> C LSCR
SP2-0024: Nothing to change.
SQL> CL SCR
```

```
SQL> SELECT 'ARJUN'
2      ,REVERSE('ARJUN') AS C1
3 FROM DUAL;
```

```
'ARJU C1
-----
ARJUN NUJRA
```

```
SQL> SELECT ENAME
2      ,REVERSE(ENAME)
3 FROM EMP;
```

ENAME	REVERSE (EN
BLAKE	EKALB
CLARK	KRALC
JONES	SENOJ
SCOTT	TTOCS
FORD	DROF
SMITH	HTIMS
ALLEN	NELLA
WARD	DRAW
MARTIN	NITRAM
TURNER	RENROT
ADAMS	SMADA

ENAME	REVERSE (EN
JAMES	SEMAJ
MILLER	RELLIM

13 rows selected.

```
SQL> SET PAGESIZE 100
SQL> R
1 SELECT ENAME
2      ,REVERSE(ENAME)
3* FROM EMP
```

ENAME	REVERSE (EN
BLAKE	EKALB
CLARK	KRALC
JONES	SENOJ
SCOTT	TTOCS
FORD	DROF
SMITH	HTIMS
ALLEN	NELLA
WARD	DRAW
MARTIN	NITRAM
TURNER	RENROT
ADAMS	SMADA

```
JAMES      SEMAJ
MILLER     RELLIM
```

13 rows selected.

```
SQL> CL SCR
```

```
SQL> CL SCR
```

```
SQL> SELECT COALESCE(
2          10
3          ,20
4          ,80
5          ,30
6          ,60
7          ) AS C1
8 FROM DUAL;
```

```
          C1
-----
          10
```

```
SQL> ED
```

Wrote file afiedt.buf

```
1  SELECT COALESCE(
2          NULL
3          ,20
4          ,80
5          ,30
6          ,60
7          ) AS C1
8* FROM DUAL
SQL> /
```

```
          C1
-----
          20
```

```
SQL> ED
```

Wrote file afiedt.buf

```
1  SELECT COALESCE(
2          NULL
3          ,NULL
4          ,80
5          ,30
6          ,60
7          ) AS C1
8* FROM DUAL
SQL> /
```

```
          C1
-----
          80
```

```
SQL> ED
```

Wrote file afiedt.buf

```

1  SELECT COALESCE(
2      NULL
3      ,NULL
4      ,80
5      ,NULL
6      ,60
7      ) AS C1
8* FROM DUAL
SQL> /

```

```

          C1
-----
          80

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT COALESCE(
2      NULL
3      ,NULL
4      ,NULL
5      ,NULL
6      ,60
7      ) AS C1
8* FROM DUAL
SQL> /

```

```

          C1
-----
          60

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT COALESCE(
2      NULL
3      ,NULL
4      ,NULL
5      ,NULL
6      ,NULL
7      ) AS C1
8* FROM DUAL
SQL> /

```

```

C
-

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT COALESCE(
2      10
3      , 'ARJUN'
4      ,NULL
5      ,NULL
6      ,NULL

```

```
7          ) AS C1
8* FROM DUAL
SQL> /
```

```
      , 'ARJUN'
      *
```

ERROR at line 3:  
ORA-00932: inconsistent datatypes: expected NUMBER got CHAR

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

```
1  SELECT COALESCE(
2      'ARJUN'
3      , 10
4      , NULL
5      , NULL
6      , NULL
7      ) AS C1
8* FROM DUAL
SQL> /
```

```
      , 10
      *
```

ERROR at line 3:  
ORA-00932: inconsistent datatypes: expected CHAR got NUMBER

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

```
1  SELECT COALESCE(
2      'ARJUN'
3      ) AS C1
4* FROM DUAL
5  /
```

```
SELECT COALESCE(
      *
```

ERROR at line 1:  
ORA-00938: not enough arguments for function

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

```
1  SELECT COALESCE(
2      'ARJUN'
3      , 'AKSHARA'
4      ) AS C1
5* FROM DUAL
SQL> /
```

```
C1
-----
ARJUN
```

```
SQL> CL SCR
```

```
SQL> SELECT TABLE_NAME
```

```

2 FROM DBA_TAB_COLUMNS
3 WHERE COLUMN_NAME LIKE '%FN%';

```

TABLE\_NAME

```

-----
REPCAT$_FLAVORS
REG$
REG$
REG$
REG$
REG$
RLS$
FGA$
SQLOBJ$AUXDATA
STREAMS$_APPLY_SPILL_MESSAGES
STREAMS$_APPLY_SPILL_MSGS_PART
TRIGGER$
WWV_FLOW_COMPANIES
WWV_FLOW_COMPANIES
WWV_MIG_FRM_BLK_ITEMS
WWV_MIG_OLB_OLT_BLK_ITEM
WWV_MIG_OLB_OLT_ITEM
WWV_MIG_OLB_BLK_ITEM
WWV_MIG_RPT_GRP_DATAITEM
WWV_MIG_RPT_GRP_SUMMARY
WWV_MIG_RPT_GRP_FORMULA
WWV_MIG_RPT_GRP_FORMULA
WWV_MIG_RPT_DATA_SUMMARY
B69_STD15
B72_STD_8
B73_STUDENT2
STD_COAL_EX
B74_STD2
B74_STD3
B74_STD9
B74_STD10
B74_STD11
B74_STD12
B76_STUDENT_3
B76_STUDENT_4
STD_COAL_EX
B79_STD3
B79_STD4
B79_STD5
STD_COAL_EX
V_$SUBSCR_REGISTRATION_STATS
V_$SUBSCR_REGISTRATION_STATS
B80_STUDENT4
STD_COAL_EX
DBA_TEMP_FILES
GV_$SUBSCR_REGISTRATION_STATS
SYS_UNCOMPRESSED_SEGS_BASE
KU$_10_2_TRIGGER_VIEW
DBA_SUBSCR_REGISTRATIONS
V_$EMON
DBA_SEGMENTS
V_$TEMP_SPACE_HEADER
V_$TEMP_EXTENT_POOL

```

KU\$\_ROLE\_VIEW  
 KU\$\_USER\_VIEW  
 V\_\$SUBSCR\_REGISTRATION\_STATS  
 KU\$\_REFGROUP\_VIEW  
 EXU8FIL  
 KU\$\_FILE\_VIEW  
 V\_\$EMON  
 USER\_REPGROUP  
 V\_\$TEMP\_EXTENT\_MAP  
 EXU9FIL  
 STD12  
 B80\_STUDENT3  
 EXU8USR  
 GV\_\$EMON  
 DBA\_SUBSCR\_REGISTRATIONS  
 V\_\$EMON  
 V\_\$KCCDI  
 DBA\_REPGROUP  
 GV\_\$TEMP\_SPACE\_HEADER  
 GV\_\$SORT\_SEGMENT  
 DBA\_REPCAT  
 DBA\_REGISTERED\_SNAPSHOT\_GROUPS  
 GV\_\$EMON  
 GV\_\$TEMP\_EXTENT\_POOL  
 SYS\_DBA\_SEGS  
 DBA\_REPFLAVOR\_OBJECTS  
 V\_\$FILESPACE\_USAGE  
 GV\_\$EMON  
 V\_\$EMON  
 GV\_\$EMON  
 DBA\_REGISTERED\_MVIEW\_GROUPS  
 GV\_\$EMON  
 V\_\$BACKUP\_FILES  
 GV\_\$SUBSCR\_REGISTRATION\_STATS  
 V\_\$KCCFE  
 DBMS\_PARALLEL\_EXECUTE\_EXTENTS  
 DBA\_DATA\_FILES  
 V\_\$EMON  
 B80\_STUDENT2  
 V\_\$EMON  
 GV\_\$SQL\_WORKAREA\_ACTIVE  
 V\_\$EMON  
 V\_\$KCCFE  
 GV\_\$TEMP\_EXTENT\_MAP

TABLE\_NAME

-----  
 USER\_SUBSCR\_REGISTRATIONS  
 DBA\_SQL\_PROFILES  
 ALL\_REPFLAVOR\_OBJECTS  
 DBA\_SUBSCR\_REGISTRATIONS  
 GV\_\$SUBSCR\_REGISTRATION\_STATS  
 GV\_\$SORT\_USAGE  
 V\_\$SUBSCR\_REGISTRATION\_STATS  
 GV\_\$EMON  
 V\_\$EMON  
 DBA\_FREE\_SPACE  
 DBA\_SQL\_PATCHES

DBA\_SEGMENTS\_OLD  
GV\_\$EMON  
SYSFILES  
STD\_COAL\_EX  
V\_\$EMON  
DBA\_SUBSCR\_REGISTRATIONS  
KU\$\_FGA\_POLICY\_VIEW  
V\_\$SUBSCR\_REGISTRATION\_STATS  
DBA\_REPFLAVOR\_COLUMNS  
KU\$\_RLS\_POLICY\_OBJNUM\_VIEW  
ALL\_REPCAT  
GV\_\$EMON  
USER\_SUBSCR\_REGISTRATIONS  
V\_\$KCCFE  
GV\_\$SUBSCR\_REGISTRATION\_STATS  
GV\_\$SUBSCR\_REGISTRATION\_STATS  
GV\_\$EMON  
EXU81FIL  
USER\_REPFLAVOR\_COLUMNS  
V\_\$EMON  
DBA\_EXTENTS  
KU\$\_TRIGGER\_VIEW  
ALL\_REPGROUP  
GV\_\$EMON  
USER\_REPFLAVORS  
V\_\$SUBSCR\_REGISTRATION\_STATS  
GV\_\$EMON  
ALL\_REPFLAVORS  
USER\_SUBSCR\_REGISTRATIONS  
V\_\$EMON  
DBA\_UNDO\_EXTENTS  
V\_\$SORT\_USAGE  
DBA\_ROLLBACK\_SEGS  
V\_\$SUBSCR\_REGISTRATION\_STATS  
ALL\_REPFLAVOR\_COLUMNS  
V\_\$EMON  
STD13  
USER\_REPFLAVOR\_OBJECTS  
V\_\$SEGSPACE\_USAGE  
USER\_FREE\_SPACE  
DBA\_REPFLAVORS  
USER\_SUBSCR\_REGISTRATIONS  
GV\_\$EMON  
V\_\$SORT\_SEGMENT  
KU\$\_RLS\_POLICY\_VIEW  
GV\_\$FILESPACE\_USAGE  
V\_\$SQL\_WORKAREA\_ACTIVE  
V\_\$EMON  
GV\_\$SUBSCR\_REGISTRATION\_STATS  
V\_\$EMON  
DBA\_SUBSCR\_REGISTRATIONS  
GV\_\$EMON  
GV\_\$SUBSCR\_REGISTRATION\_STATS  
REPCAT\_REPCAT  
GV\_\$SEGSPACE\_USAGE  
V\_\$EMON  
GV\_\$EMON  
V\_\$EMON

```

GV_$EMON
KU$_USER_VIEW
USER_SUBSCR_REGISTRATIONS
V_$EMON
REPCAT_REPFLAVOR_COLUMNS
B84_ST2
B84_STD
GV_$EMON
GV_$EMON
EXU8USRU
USER_REPCAT

```

177 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

  1  SELECT TABLE_NAME
  2  FROM DBA_TAB_COLUMNS
  3* WHERE COLUMN_NAME LIKE 'FN'
SQL> /

```

```

TABLE_NAME
-----
B72_STD_8
STD_COAL_EX
STD_COAL_EX
STD_COAL_EX
STD_COAL_EX
STD_COAL_EX

```

6 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

  1  SELECT OWNER, TABLE_NAME
  2  FROM DBA_TAB_COLUMNS
  3* WHERE COLUMN_NAME LIKE 'FN'
SQL> /

```

OWNER	TABLE_NAME
B72USER	B72_STD_8
B73USER	STD_COAL_EX
B76USER	STD_COAL_EX
B78USER	STD_COAL_EX
B79USER	STD_COAL_EX
B81_SQL_ETL	STD_COAL_EX

6 rows selected.

```

SQL> SELECT *
  2  FROM B81_SQL_ETL.STD_COAL_EX
  3
SQL> SHOW USER
USER is "B84USER"
SQL> R

```



```

1  SELECT *
2*  FROM B81_SQL_ETL.STD_COAL_EX

```

FN	MN	LN
	SHARMISTA	SAHHOO
		MAHESH
ARJUN		VENNAPUSA
A	B	C
KALYAN	KUMAR	
A	B	C
A	B	C
A	B	C

9 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  CREATE TABLE STD_COAL_EX
2  AS
3  SELECT *
4*  FROM B81_SQL_ETL.STD_COAL_EX
SQL> /

```

Table created.

```

SQL> SELECT *
2  FROM STD_COAL_EX;

```

FN	MN	LN
	SHARMISTA	SAHHOO
		MAHESH
ARJUN		VENNAPUSA
A	B	C
KALYAN	KUMAR	
A	B	C
A	B	C
A	B	C

9 rows selected.

```

SQL> CL SCR

```

```

SQL> R
1  SELECT *
2*  FROM STD_COAL_EX

```

FN	MN	LN
	SHARMISTA	SAHHOO
		MAHESH
ARJUN		VENNAPUSA
A	B	C

KALYAN	KUMAR	
A	B	C
A	B	C
A	B	C

9 rows selected.

```
SQL> SELECT COALESCE(FN
2      ,MN
3      ,LN
4      ) AS WISH
5 FROM STD_COAL_eX;
```

WISH  
-----  
SHARMISTA  
MAHESH  
ARJUN  
A

KALYAN  
A  
A  
A

9 rows selected.

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

```
1  SELECT 'HI '||COALESCE(FN
2      ,MN
3      ,LN
4      ) AS WISH
5* FROM STD_COAL_eX
SQL> /
```

WISH  
-----  
HI SHARMISTA  
HI MAHESH  
HI ARJUN  
HI A  
HI  
HI KALYAN  
HI A  
HI A  
HI A

9 rows selected.

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

FN	MN	LN
	SHARMISTA	SAHHOO
		MAHESH

ARJUN		VENNAPUSA
A	B	C
KALYAN	KUMAR	
A	B	C
A	B	C
A	B	C

9 rows selected.

```
SQL> SELECT FN||' '||MN||' '||LN AS WISH
2 FROM STD_COAL_EX;
```

WISH

```
-----
SHARMISTA SAHHOO
MAHESH
ARJUN VENNAPUSA
A B C
```

```
KALYAN KUMAR
A B C
A B C
A B C
```

9 rows selected.

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

```
1 SELECT 'HI '
2      ||FN||' '||MN||' '||LN AS WISH
3* FROM STD_COAL_EX
SQL> /
```

WISH

```
-----
HI SHARMISTA SAHHOO
HI MAHESH
HI ARJUN VENNAPUSA
HI A B C
HI
HI KALYAN KUMAR
HI A B C
HI A B C
HI A B C
HI A B C
```

9 rows selected.

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

```
1 SELECT 'HI '
2      ||
3      LTRIM(FN||' '||MN||' '||LN) AS WISH
4* FROM STD_COAL_EX
5 /
```

WISH

```
-----  
HI SHARMISTA SAHHOO  
HI MAHESH  
HI ARJUN VENNAPUSA  
HI A B C  
HI  
HI KALYAN KUMAR  
HI A B C  
HI A B C  
HI A B C
```

9 rows selected.

SQL> CL SCR

```
SQL> SELECT '          ARJUN' AS C1  
2 FROM DUAL;
```

C1

```
-----  
          ARJUN
```

SQL> ED

Wrote file afiedt.buf

```
1 SELECT LTRIM('          ARJUN') AS C1  
2* FROM DUAL  
SQL> /
```

C1

-----

ARJUN

SQL> ED

Wrote file afiedt.buf

```
1 SELECT ('ARJUN          ') AS C1  
2* FROM DUAL  
SQL> /
```

C1

-----

ARJUN

SQL> ED

Wrote file afiedt.buf

```
1 SELECT RTRIM('ARJUN          ') AS C1  
2* FROM DUAL  
SQL> /
```

C1

-----

ARJUN

SQL> ED

Wrote file afiedt.buf

```

1  SELECT ('          ARJUN          ') AS C1
2* FROM DUAL
SQL> /

```

```

C1
-----
          ARJUN

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT TRIM('          ARJUN          ') AS C1
2* FROM DUAL
SQL> /

```

```

C1
-----
ARJUN

```

```

SQL> cl scr

```

```

SQL> SELECT LTRIM(
2          'xyzXYZzyx'
3          , 'y'
4          ) AS C1
5 FROM DUAL
6

```

```

SQL>
SQL> ED
Wrote file afiedt.buf

```

```

1  from p1 it will take one by one character from left side
2  it will check is that character is available in p2 character set
3  if it is available it will remove from p1
4  and take the next character from p1
5  if it is not avaialbe it will stop and it will give you from
6* that character to till end whatever is reamining IN P1
7  .

```

```

SQL> SELECT LTRIM(
2          'xyzXYZzyx'
3          , 'y'
4          ) AS C1
5 FROM DUAL;

```

```

C1
-----
xyzXYZzyx

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT LTRIM(
2          'xyzXYZzyx'
3          , 'x'
4          ) AS C1
5* FROM DUAL
SQL> /

```

C1

-----  
yzXYZzyx

SQL> ed

Wrote file afiedt.buf

```
1  SELECT LTRIM(  
2      'xyzXYZzyx'  
3      , 'yx'  
4      ) AS C1  
5* FROM DUAL  
SQL> /
```

C1

-----  
zXYZzyx

SQL> ed

Wrote file afiedt.buf

```
1  SELECT LTRIM(  
2      'xyzXYZzyx'  
3      , 'yzx'  
4      ) AS C1  
5* FROM DUAL  
SQL> /
```

C1

-----  
XYZzyx

SQL> ed

Wrote file afiedt.buf

```
1  SELECT LTRIM(  
2      'xyzXYZzyx'  
3      , 'yzxYZ'  
4      ) AS C1  
5* FROM DUAL  
SQL> /
```

C1

-----  
XYZzyx

SQL> ED

Wrote file afiedt.buf

```
1  SELECT LTRIM(  
2      'xyzXYZzyx'  
3      , 'XyzxYZ'  
4      ) AS C1  
5* FROM DUAL  
SQL> /
```

C

-

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

```

1  SELECT LTRIM(
2      'xyzXYZzyx'
3      , 'XyzxYZ'
4      ) AS C1
5* FROM DUAL
SQL> /
```

```

C1
-----
      xyzXYZzyx
```

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

```

1  SELECT LTRIM(
2      'xyzXYZzyx'
3      , 'XyzxYZ'
4      ) AS C1
5* FROM DUAL
SQL>
SQL> /
```

```

C1
-----
      xyzXYZzyx
```

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

```

1  SELECT LTRIM(
2      'xyzXYZzyx'
3      , ' '
4      ) AS C1
5* FROM DUAL
SQL> /
```

```

C1
-----
xyzXYZzyx
```

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

```

1  SELECT LTRIM(
2      'xyzXYZzyx'
3      ) AS C1
4* FROM DUAL
SQL> /
```

```

C1
-----
xyzXYZzyx
```

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

```
 1  SELECT LTRIM(
 2          '          xyzXYZzyx'
 3          , ' '
 4          ) AS C1
 5* FROM DUAL
SQL> /
```

```
C1
-----
xyzXYZzyx
```

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

```
 1  SELECT RTRIM(
 2          'xyzXYZzyx'
 3          , 'x'
 4          ) AS C1
 5* FROM DUAL
SQL> /
```

```
C1
-----
xyzXYZzy
```

```
SQL> -- trim will happen from right side
SQL> -- afte rtrim output will give from left side
SQL> ed
Wrote file afiedt.buf
```

```
 1  SELECT RTRIM(
 2          'xyzXYZzyx'
 3          , 'yx'
 4          ) AS C1
 5* FROM DUAL
SQL> /
```

```
C1
-----
xyzXYZz
```

```
SQL> cl scr
```

```
SQL> SELECT TRIM(
 2          'x'
 3          FROM
 4          'xxxxxyzXYZzyxxxxx'
 5          ) AS C1
 6  FROM DUAL;
```

```
C1
-----
yzXYZzy
```



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

```

 1  SELECT TRIM(
 2          'x'
 3          FROM
 4          '      xxxxyzXYZzyxxxxx      '
 5          ) AS C1
 6* FROM DUAL
SQL> /
```

```

C1
-----
      xxxxyzXYZzyxxxxx
```

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

```

 1  SELECT TRIM(
 2          ' '
 3          FROM
 4          '      xxxxyzXYZzyxxxxx      '
 5          ) AS C1
 6* FROM DUAL
SQL> /
```

```

C1
-----
      xxxxyzXYZzyxxxxx
```

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

```

 1  SELECT TRIM(
 2          '      xxxxyzXYZzyxxxxx      '
 3          ) AS C1
 4* FROM DUAL
 5  /
```

```

C1
-----
      xxxxyzXYZzyxxxxx
```

```
SQL> SELECT TRIM(
 2          111112345
 3          ,1
 4          )
 5  FROM DUAL;
          ,1
          *
```

```
ERROR at line 3:
ORA-00907: missing right parenthesis
```

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

```

 1  SELECT LTRIM(
```

```

2          111112345
3          ,1
4        ) AS C1
5* FROM DUAL
SQL> /

```

```

C1
----
2345

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT RTRIM(
2          11111234511111
3          ,1
4        ) AS C1
5* FROM DUAL
SQL> /

```

```

C1
-----
111112345

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT TRIM(
2          1
3        FROM
4          11111234511111
5        ) AS C1
6* FROM DUAL
SQL> /

```

```

C1
----
2345

```

```

SQL> CL SCR

```

```

SQL> SELECT INSTR
2      (
3      'ADI NARAYANA'
4      , 'A'
5      , 1
6      , 1
7      )
8  FROM DUAL;

```

```

INSTR('ADINARAYANA','A',1,1)
-----
1

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR

```

```

2          (
3          'ADI NARAYANA'
4          , 'A'
5          , 1
6          , 1
7          ) AS C1
8* FROM DUAL
SQL> /

```

```

          C1
-----
          1

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR
2          (
3          'ADI NARAYANA'
4          , 'A'
5          , 1
6          , 2
7          ) AS C1
8* FROM DUAL
SQL> /

```

```

          C1
-----
          6

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR
2          (
3          'ADI NARAYANA'
4          , 'A'
5          , 1
6          , 3
7          ) AS C1
8* FROM DUAL
SQL> /

```

```

          C1
-----
          8

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR
2          (
3          'ADI NARAYANA'
4          , 'A'
5          , 1
6          , 4
7          ) AS C1
8* FROM DUAL

```

```
SQL> /
```

```
          C1
-----
          10
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
  1  SELECT INSTR
  2          (
  3          'ADI NARAYANA'
  4          , 'A'
  5          , 1
  6          , 5
  7          ) AS C1
  8* FROM DUAL
SQL> /
```

```
          C1
-----
          12
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
  1  SELECT INSTR
  2          (
  3          'ADI NARAYANA'
  4          , 'A'
  5          , 1
  6          , 6
  7          ) AS C1
  8* FROM DUAL
SQL> /
```

```
          C1
-----
           0
```

```
SQL> CL SCR
```

```
SQL> SELECT INSTR(
  2          'ORACLE CORPORATION'
  3          , 'R'
  4          , 1
  5          , 2
  6          ) AS C1
  7  FROM DUAL;
```

```
          C1
-----
          10
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
  1  SELECT INSTR(
```

```

2          'ORACLE CORPORATION'
3          , 'R'
4          , 1
5          , 2
6          ) AS C1
7* FROM DUAL
SQL>
SQL> /

```

```

          C1
-----
          10

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , 3
6          ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----
          12

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , 3
6          ) AS C1
7* FROM DUAL
SQL>
SQL> /

```

```

          C1
-----
          12

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , 4
6          ) AS C1
7* FROM DUAL
SQL> /

```

```
          C1
-----
          17
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , 1
   5              , 5
   6              ) AS C1
   7* FROM DUAL
SQL> /
```

```
          C1
-----
          0
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , 4
   5              , 2
   6              ) AS C1
   7* FROM DUAL
SQL> /
```

```
          C1
-----
         12
```

```
SQL> -- IN 12TH POSITION WE HAVE 2ND O STARTING FROM 4TH POSTION
SQL> ED
Wrote file afiedt.buf
```

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , 4
   5              , 3
   6              ) AS C1
   7* FROM DUAL
SQL> /
```

```
          C1
-----
         17
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
```

```

3          , 'O'
4          , 14
5          , 3
6        ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----
          0

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 14
5          , 1
6        ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----
          17

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 14
5          , 1
6        ) AS C1
7* FROM DUAL
SQL>
SQL> /

```

```

          C1
-----
          17

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 16
5          , 1
6        ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----

```

17

SQL> ED

Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'O'  
4      , 16  
5      , 1  
6      ) AS C1  
7* FROM DUAL  
SQL>  
SQL> /
```

```
          C1  
-----  
          17
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'O'  
4      , 20  
5      , 1  
6      ) AS C1  
7* FROM DUAL  
SQL> /
```

```
          C1  
-----  
          0
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'C'  
4      ) AS C1  
5* FROM DUAL  
SQL> /
```

```
          C1  
-----  
          4
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'C'  
4      , 1  
5      , 1  
6      ) AS C1
```



```
7* FROM DUAL
SQL> /
```

```
          C1
-----
          4
```

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

```
1  SELECT INSTR(
2      'ORACLE CORPORATION'
3      , 'C'
4      ) AS C1
5* FROM DUAL
6  /
```

```
          C1
-----
          4
```

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

```
1  ***5) IF P3 VALUE IS -VE THEN
2      IT WILL FIX THE POSITION FROM RIGHT SIDE
3      ONCE POSITION IS FIXED WHAT YOU WANT TO SEARCH THAT WILL DO FROM
THAT POSITION TOWARDS LEFT SIDE
4*  ONCE SEARCH IS SUCCESSFULL THEN IT WILL GIVE YOU THAT POSITION
FROM LEFT SIDE STARTING
5  .
```

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

```
1  SELECT INSTR(
2      'ORACLE CORPORATION'
3      , 'O'
4      , -6
5      , 1
6      ) AS C1
7* FROM DUAL
8  /
```

```
          C1
-----
         12
```

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

```
1  SELECT INSTR(
2      'ORACLE CORPORATION'
3      , 'O'
4      , -14
5      , 1
6      ) AS C1
7* FROM DUAL
```

```
SQL> /
```

```
          C1
-----
          1
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , -1
   5              , 4
   6              ) AS C1
   7* FROM DUAL
SQL> /
```

```
          C1
-----
          1
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , -1
   5              , 4
   6              ) AS C1
   7* FROM DUAL
SQL>
SQL> /
```

```
          C1
-----
          1
```

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

```
   1  SELECT INSTR(
   2              'ORACLE CORPORATION'
   3              , 'O'
   4              , 0
   5              , 4
   6              ) AS C1
   7* FROM DUAL
SQL> /
```

```
          C1
-----
          0
```

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

```
   1  SELECT INSTR(
```

```

2          'ORACLE CORPORATION'
3          , 'O'
4          , NULL
5          , 4
6          ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , -4
6          ) AS C1
7* FROM DUAL
SQL> /

```

```

FROM DUAL

```

```

*
ERROR at line 7:
ORA-01428: argument '-4' is out of range

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , NULL
6          ) AS C1
7* FROM DUAL
SQL> /

```

```

          C1
-----

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2          'ORACLE CORPORATION'
3          , 'O'
4          , 1
5          , 0
6          ) AS C1
7* FROM DUAL
SQL> /

```

```

FROM DUAL

```

```

*
```

ERROR at line 7:  
ORA-01428: argument '0' is out of range

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'O'  
4      , 4  
5      , 2  
6      ) AS C1  
7* FROM DUAL  
SQL> /
```

```
          C1  
-----  
          12
```

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'O'  
4      , 'A'  
5      , 2  
6      ) AS C1  
7* FROM DUAL  
SQL> /
```

```
          , 'A'  
          *
```

ERROR at line 4:  
ORA-01722: invalid number

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT INSTR(  
2      'ORACLE CORPORATION'  
3      , 'RA'  
4      , 1  
5      , 2  
6      ) AS C1  
7* FROM DUAL  
SQL> /
```

```
          C1  
-----  
          13
```

SQL> --IF P2 VALUE IS STRING THEN ONCE SEARCH IS SUCCEFULL  
SQL> IT WILL GIVE FIRST CHARACTER POSITION OF THAT SEARCHED STRING  
SP2-0734: unknown command beginning "IT WILL GI..." - rest of line  
ignored.  
SQL> R

```

1  SELECT INSTR(
2      'ORACLE CORPORATION'
3      , 'RA'
4      , 1
5      , 2
6      ) AS C1
7* FROM DUAL

```

```

      C1
-----
      13

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT INSTR(
2      'ORACLE CORPORATION'
3      , 'RA'
4      , 1
5      , 2
6      ) AS C1
7* FROM DUAL

```

```

SQL>
SQL> /

```

```

      C1
-----
      13

```

```

SQL> SELECT INSTR(9620966655
2      , 6
3      , 1
4      , 1
5      ) AS C1
6 FROM DUAL;

```

```

      C1
-----
       2

```

```

SQL> CL SCR

```

```

SQL> SELECT EMPNO
2      , ENAME
3      , HIREDATE
4 FROM EMP;

```

EMPNO	ENAME	HIREDATE
7698	BLAKE	01-MAY-81
7782	CLARK	09-JUN-81
7566	JONES	02-APR-81
7788	SCOTT	19-APR-87
7902	FORD	03-DEC-81
7369	SMITH	17-DEC-80
7499	ALLEN	20-FEB-81
7521	WARD	22-FEB-81
7654	MARTIN	28-SEP-81

```

7844 TURNER      08-SEP-81
7876 ADAMS       23-MAY-87
7900 JAMES       03-DEC-81
7934 MILLER      23-JAN-82

```

13 rows selected.

```

SQL> --WHOS NAME IS HAVING A CHARACTER
SQL> -- M1 ) LIKE
SQL> -- M2) INSTR
SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,INSTR(ENAME,'A') AS A_POS
5* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE	A_POS
7698	BLAKE	01-MAY-81	3
7782	CLARK	09-JUN-81	3
7566	JONES	02-APR-81	0
7788	SCOTT	19-APR-87	0
7902	FORD	03-DEC-81	0
7369	SMITH	17-DEC-80	0
7499	ALLEN	20-FEB-81	1
7521	WARD	22-FEB-81	2
7654	MARTIN	28-SEP-81	2
7844	TURNER	08-SEP-81	0
7876	ADAMS	23-MAY-87	1
7900	JAMES	03-DEC-81	2
7934	MILLER	23-JAN-82	0

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,INSTR(ENAME,'A') AS A_POS
5  FROM EMP
6* WHERE A_POS > 0
SQL> /

```

```

WHERE A_POS > 0
      *

```

```

ERROR at line 6:
ORA-00904: "A_POS": invalid identifier

```

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO

```

```

2  ,ENAME
3  ,HIREDATE
4  ,INSTR(ENAME,'A') AS A_POS
5  FROM EMP
6* WHERE INSTR(ENAME,'A') > 0
SQL> /

```

EMPNO	ENAME	HIREDATE	A_POS
7698	BLAKE	01-MAY-81	3
7782	CLARK	09-JUN-81	3
7499	ALLEN	20-FEB-81	1
7521	WARD	22-FEB-81	2
7654	MARTIN	28-SEP-81	2
7876	ADAMS	23-MAY-87	1
7900	JAMES	03-DEC-81	2

7 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,INSTR(ENAME,'A') AS A_POS
5  FROM EMP
6* WHERE ENAME LIKE  '%A%'
SQL> /

```

EMPNO	ENAME	HIREDATE	A_POS
7698	BLAKE	01-MAY-81	3
7782	CLARK	09-JUN-81	3
7499	ALLEN	20-FEB-81	1
7521	WARD	22-FEB-81	2
7654	MARTIN	28-SEP-81	2
7876	ADAMS	23-MAY-87	1
7900	JAMES	03-DEC-81	2

7 rows selected.

```

SQL> CL SCR

```

```

SQL> -- WHO ARE JOINED IN DEC MONTH
SQL> --M1) LIKE
SQL> --M2) SUBSTR
SQL> --M3) TO_CHAR
SQL> --M4) INSTR
SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE
7698	BLAKE	01-MAY-81
7782	CLARK	09-JUN-81
7566	JONES	02-APR-81
7788	SCOTT	19-APR-87
7902	FORD	03-DEC-81
7369	SMITH	17-DEC-80
7499	ALLEN	20-FEB-81
7521	WARD	22-FEB-81
7654	MARTIN	28-SEP-81
7844	TURNER	08-SEP-81
7876	ADAMS	23-MAY-87
7900	JAMES	03-DEC-81
7934	MILLER	23-JAN-82

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  FROM EMP
5* WHERE HIREDATE LIKE  '%DEC%'
SQL> /

```

EMPNO	ENAME	HIREDATE
7902	FORD	03-DEC-81
7369	SMITH	17-DEC-80
7900	JAMES	03-DEC-81

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE
7698	BLAKE	01-MAY-81
7782	CLARK	09-JUN-81
7566	JONES	02-APR-81
7788	SCOTT	19-APR-87
7902	FORD	03-DEC-81
7369	SMITH	17-DEC-80
7499	ALLEN	20-FEB-81
7521	WARD	22-FEB-81
7654	MARTIN	28-SEP-81
7844	TURNER	08-SEP-81
7876	ADAMS	23-MAY-87
7900	JAMES	03-DEC-81
7934	MILLER	23-JAN-82



13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,SUBSTR(HIREDATE,4,3) AS C1
5* FROM EMP
SQL> /
```

EMPNO	ENAME	HIREDATE	C1
7698	BLAKE	01-MAY-81	MAY
7782	CLARK	09-JUN-81	JUN
7566	JONES	02-APR-81	APR
7788	SCOTT	19-APR-87	APR
7902	FORD	03-DEC-81	DEC
7369	SMITH	17-DEC-80	DEC
7499	ALLEN	20-FEB-81	FEB
7521	WARD	22-FEB-81	FEB
7654	MARTIN	28-SEP-81	SEP
7844	TURNER	08-SEP-81	SEP
7876	ADAMS	23-MAY-87	MAY
7900	JAMES	03-DEC-81	DEC
7934	MILLER	23-JAN-82	JAN

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,SUBSTR(HIREDATE,4,3) AS C1
5  FROM EMP
6* WHERE SUBSTR(HIREDATE,4,3) = 'DEC'
SQL> /
```

EMPNO	ENAME	HIREDATE	C1
7902	FORD	03-DEC-81	DEC
7369	SMITH	17-DEC-80	DEC
7900	JAMES	03-DEC-81	DEC

SQL> ED

Wrote file afiedt.buf

```
1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4* FROM EMP
SQL> /
```

EMPNO	ENAME	HIREDATE
-------	-------	----------

```

-----
7698 BLAKE      01-MAY-81
7782 CLARK      09-JUN-81
7566 JONES      02-APR-81
7788 SCOTT      19-APR-87
7902 FORD       03-DEC-81
7369 SMITH      17-DEC-80
7499 ALLEN      20-FEB-81
7521 WARD       22-FEB-81
7654 MARTIN     28-SEP-81
7844 TURNER     08-SEP-81
7876 ADAMS      23-MAY-87
7900 JAMES      03-DEC-81
7934 MILLER     23-JAN-82

```

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,TO_CHAR(HIREDATE,'MON') AS C1
5* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE	C1
7698	BLAKE	01-MAY-81	MAY
7782	CLARK	09-JUN-81	JUN
7566	JONES	02-APR-81	APR
7788	SCOTT	19-APR-87	APR
7902	FORD	03-DEC-81	DEC
7369	SMITH	17-DEC-80	DEC
7499	ALLEN	20-FEB-81	FEB
7521	WARD	22-FEB-81	FEB
7654	MARTIN	28-SEP-81	SEP
7844	TURNER	08-SEP-81	SEP
7876	ADAMS	23-MAY-87	MAY
7900	JAMES	03-DEC-81	DEC
7934	MILLER	23-JAN-82	JAN

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,TO_CHAR(HIREDATE,'MON') AS C1
5  FROM EMP
6* WHERE TO_CHAR(HIREDATE,'MON') = 'DEC'
SQL> /

```

EMPNO	ENAME	HIREDATE	C1
-------	-------	----------	----

7902	FORD	03-DEC-81	DEC
7369	SMITH	17-DEC-80	DEC
7900	JAMES	03-DEC-81	DEC

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE
7698	BLAKE	01-MAY-81
7782	CLARK	09-JUN-81
7566	JONES	02-APR-81
7788	SCOTT	19-APR-87
7902	FORD	03-DEC-81
7369	SMITH	17-DEC-80
7499	ALLEN	20-FEB-81
7521	WARD	22-FEB-81
7654	MARTIN	28-SEP-81
7844	TURNER	08-SEP-81
7876	ADAMS	23-MAY-87
7900	JAMES	03-DEC-81
7934	MILLER	23-JAN-82

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,INSTR(HIREDATE,'DEC') AS C1
5* FROM EMP
SQL> /

```

EMPNO	ENAME	HIREDATE	C1
7698	BLAKE	01-MAY-81	0
7782	CLARK	09-JUN-81	0
7566	JONES	02-APR-81	0
7788	SCOTT	19-APR-87	0
7902	FORD	03-DEC-81	4
7369	SMITH	17-DEC-80	4
7499	ALLEN	20-FEB-81	0
7521	WARD	22-FEB-81	0
7654	MARTIN	28-SEP-81	0
7844	TURNER	08-SEP-81	0
7876	ADAMS	23-MAY-87	0
7900	JAMES	03-DEC-81	4
7934	MILLER	23-JAN-82	0

13 rows selected.

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

```
1  SELECT EMPNO
2  ,ENAME
3  ,HIREDATE
4  ,INSTR(HIREDATE,'DEC') AS C1
5  FROM EMP
6* WHERE INSTR(HIREDATE,'DEC') > 0
SQL> /
```

EMPNO	ENAME	HIREDATE	C1
7902	FORD	03-DEC-81	4
7369	SMITH	17-DEC-80	4
7900	JAMES	03-DEC-81	4

```
SQL> CL SCR
```

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

```
1  SELECT EMPNO
2  ,ENAME
3* FROM EMP
SQL> /
```

EMPNO	ENAME
7698	BLAKE
7782	CLARK
7566	JONES
7788	SCOTT
7902	FORD
7369	SMITH
7499	ALLEN
7521	WARD
7654	MARTIN
7844	TURNER
7876	ADAMS
7900	JAMES
7934	MILLER

```
13 rows selected.
```

```
SQL> -- TILL FIRST A I WANT TO SHOW IN LOWER CASE. AFTER FIRST A I WANT
TO SHOW IN INITCAP CASE
```

```
SQL> EX: BLAKE OUTPUT SHOULD COME AS BLA KE --blaKe
SP2-0734: unknown command beginning "EX: BLAKE ..." - rest of line
ignored.
```

```
SQL>
```

```
SQL> --first identify where is the 1st A
```

```
SQL>
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1  SELECT EMPNO
```

```

2 ,ENAME
3 ,INSTR(ENAME,'A') AS FIRST_A
4* FROM EMP
SQL> /

```

EMPNO	ENAME	FIRST_A
7698	BLAKE	3
7782	CLARK	3
7566	JONES	0
7788	SCOTT	0
7902	FORD	0
7369	SMITH	0
7499	ALLEN	1
7521	WARD	2
7654	MARTIN	2
7844	TURNER	0
7876	ADAMS	1
7900	JAMES	2
7934	MILLER	0

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1 SELECT EMPNO
2 ,ENAME
3 ,INSTR(ENAME,'A') AS FIRST_A
4* FROM EMP

```

SQL>

SQL>

```
SQL> -- GET ONLY TILL FIRST A CHARACTERS FROM NAME
```

```
SQL> ED
```

Wrote file afiedt.buf

```

1 SELECT EMPNO
2 ,ENAME
3 ,INSTR(ENAME,'A') AS FIRST_A
4 ,SUBSTR(ENAME
5         ,1
6         ,INSTR(ENAME,'A')
7         ) AS TILL_FIRSTA
8* FROM EMP

```

SQL> /

EMPNO	ENAME	FIRST_A	TILL_FIRSTA
7698	BLAKE	3	BLA
7782	CLARK	3	CLA
7566	JONES	0	
7788	SCOTT	0	
7902	FORD	0	
7369	SMITH	0	
7499	ALLEN	1	A
7521	WARD	2	WA
7654	MARTIN	2	MA
7844	TURNER	0	

7876	ADAMS	1	A
7900	JAMES	2	JA
7934	MILLER	0	

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,SUBSTR(ENAME
5  ,1
6  ,INSTR(ENAME,'A')
7  ) AS TILL_FIRSTA
8* FROM EMP

```

SQL>

SQL>

SQL> --AFTER FIRST A CHARACTERS

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,SUBSTR(ENAME
5  ,1
6  ,INSTR(ENAME,'A')
7  ) AS TILL_FIRSTA
8  ,SUBSTR(
9  ENAME
10 ,INSTR(ENAME,'A') + 1
11 ) AS AFTER_FIRSTA
12* FROM EMP

```

SQL> /

EMPNO	ENAME	FIRST_A	TILL_FIRSTA
7698	BLAKE	3	BLA
7782	CLARK	3	CLA
7566	JONES	0	
7788	SCOTT	0	
7902	FORD	0	
7369	SMITH	0	

7499 ALLEN	1 A
LLEN	
7521 WARD	2 WA
RD	
7654 MARTIN	2 MA
RTIN	
7844 TURNER	0
TURNER	
7876 ADAMS	1 A
DAMS	
7900 JAMES	2 JA
MES	
7934 MILLER	0
MILLER	

13 rows selected.

SQL> SET LINESIZE 100

SQL> R

```

1  SELECT EMPNO
2    ,ENAME
3    ,INSTR(ENAME,'A') AS FIRST_A
4    ,SUBSTR(ENAME
5              ,1
6              ,INSTR(ENAME,'A')
7                ) AS TILL_FIRSTA
8    ,SUBSTR(
9              ENAME
10             ,INSTR(ENAME,'A') + 1
11             ) AS AFTER_FIRSTA
12* FROM EMP

```

EMPNO	ENAME	FIRST_A	TILL_FIRSTA
-------	-------	---------	-------------

AFTER\_FIRSTA

7698 BLAKE	3 BLA
KE	
7782 CLARK	3 CLA
RK	
7566 JONES	0
JONES	
7788 SCOTT	0
SCOTT	
7902 FORD	0
FORD	

SMITH	7369 SMITH	0
LLEN	7499 ALLEN	1 A
RD	7521 WARD	2 WA
RTIN	7654 MARTIN	2 MA
TURNER	7844 TURNER	0
DAMS	7876 ADAMS	1 A
MES	7900 JAMES	2 JA
MILLER	7934 MILLER	0

13 rows selected.

```
SQL> R
  1  SELECT EMPNO
  2    ,ENAME
  3    ,INSTR(ENAME,'A') AS FIRST_A
  4    ,SUBSTR(ENAME
  5              ,1
  6              ,INSTR(ENAME,'A')
  7                ) AS TILL_FIRSTA
  8    ,SUBSTR(
  9              ENAME
 10              ,INSTR(ENAME,'A') + 1
 11                ) AS AFTER_FIRSTA
12* FROM EMP
```

	EMPNO ENAME	FIRST_A TILL_FIRSTA
KE	7698 BLAKE	3 BLA
RK	7782 CLARK	3 CLA
JONES	7566 JONES	0
SCOTT	7788 SCOTT	0



7902 FORD	0
FORD	
7369 SMITH	0
SMITH	
7499 ALLEN	1 A
LLEN	
7521 WARD	2 WA
RD	
7654 MARTIN	2 MA
RTIN	
7844 TURNER	0
TURNER	
7876 ADAMS	1 A
DAMS	
7900 JAMES	2 JA
MES	
7934 MILLER	0
MILLER	

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,SUBSTR(ENAME
5      ,1
6      ,INSTR(ENAME,'A')
7      ) AS TILL_FIRSTA
8  ,SUBSTR(
9      ENAME
10     ,INSTR(ENAME,'A') + 1
11     ) AS AFTER_FIRSTA
12* FROM EMP

```

SQL>

SQL> COL TILL\_FIRSTA FORMAT A10

SQL> R

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,SUBSTR(ENAME
5      ,1
6      ,INSTR(ENAME,'A')
7      ) AS TILL_FIRSTA
8  ,SUBSTR(
9      ENAME
10     ,INSTR(ENAME,'A') + 1

```

```

11          ) AS AFTER_FIRSTA
12* FROM EMP

```

EMPNO	ENAME	FIRST_A	TILL_FIRST	AFTER_FIRSTA
7698	BLAKE	3	BLA	KE
7782	CLARK	3	CLA	RK
7566	JONES	0		JONES
7788	SCOTT	0		SCOTT
7902	FORD	0		FORD
7369	SMITH	0		SMITH
7499	ALLEN	1	A	LLEN
7521	WARD	2	WA	RD
7654	MARTIN	2	MA	RTIN
7844	TURNER	0		TURNER
7876	ADAMS	1	A	DAMS
7900	JAMES	2	JA	MES
7934	MILLER	0		MILLER

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,SUBSTR(ENAME
5  ,1
6  ,INSTR(ENAME,'A')
7  ) AS TILL_FIRSTA
8  ,SUBSTR(
9  ENAME
10 ,INSTR(ENAME,'A') + 1
11 ) AS AFTER_FIRSTA
12* FROM EMP

```

SQL>

SQL>

```

SQL> --TILL FIRST A CHARACTERS CHANGE TO LOWER CASE

```

```

SQL> ED

```

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,LOWER(SUBSTR(ENAME
5  ,1
6  ,INSTR(ENAME,'A')
7  )
8  ) AS TILL_FIRSTA
9  ,SUBSTR(
10 ENAME
11 ,INSTR(ENAME,'A') + 1
12 ) AS AFTER_FIRSTA
13* FROM EMP

```

SQL> /

EMPNO	ENAME	FIRST_A	TILL_FIRST	AFTER_FIRSTA
7698	BLAKE	3	bla	KE
7782	CLARK	3	cla	RK
7566	JONES	0		JONES
7788	SCOTT	0		SCOTT
7902	FORD	0		FORD
7369	SMITH	0		SMITH
7499	ALLEN	1	a	LLEN
7521	WARD	2	wa	RD
7654	MARTIN	2	ma	RTIN
7844	TURNER	0		TURNER
7876	ADAMS	1	a	DAMS
7900	JAMES	2	ja	MES
7934	MILLER	0		MILLER

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,LOWER(SUBSTR(ENAME
5      ,1
6      ,INSTR(ENAME,'A')
7      )
8      ) AS TILL_FIRSTA
9  ,SUBSTR(
10     ENAME
11     ,INSTR(ENAME,'A') + 1
12     ) AS AFTER_FIRSTA
13* FROM EMP

```

SQL>

SQL> --AFTER FIRST A CHARACTER CHANGES TO INITCAP CASE

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,LOWER(SUBSTR(ENAME
5      ,1
6      ,INSTR(ENAME,'A')
7      )
8      ) AS TILL_FIRSTA
9  ,INITCAP(SUBSTR(
10     ENAME
11     ,INSTR(ENAME,'A') + 1
12     )
13     ) AS AFTER_FIRSTA
14* FROM EMP

```

SQL> /

EMPNO	ENAME	FIRST_A	TILL_FIRST	AFTER_FIRSTA
-------	-------	---------	------------	--------------

```

-----
-----
7698 BLAKE          3 bla      Ke
7782 CLARK          3 cla      Rk
7566 JONES          0          Jones
7788 SCOTT          0          Scott
7902 FORD            0          Ford
7369 SMITH          0          Smith
7499 ALLEN          1 a       Llen
7521 WARD            2 wa      Rd
7654 MARTIN         2 ma      Rtin
7844 TURNER         0          Turner
7876 ADAMS          1 a       Dams
7900 JAMES           2 ja      Mes
7934 MILLER         0          Miller

```

13 rows selected.

SQL> --NO CONCATACT BOTH TILL FIRST A AND AFTER FIRAT A CHARACTERS

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,LOWER(SUBSTR(ENAME
5      ,1
6      ,INSTR(ENAME,'A')
7      )
8      )
9  ||INITCAP(SUBSTR(
10      ENAME
11      ,INSTR(ENAME,'A') + 1
12      )
13      ) AS ENAME
14* FROM EMP
SQL> /

```

```

      EMPNO ENAME          FIRST_A
-----
ENAME
-----
7698 BLAKE          3
blaKe

7782 CLARK          3
claRk

7566 JONES          0
Jones

7788 SCOTT          0
Scott

7902 FORD            0
Ford

```

Smith	7369 SMITH	0
aLlen	7499 ALLEN	1
waRd	7521 WARD	2
maRtin	7654 MARTIN	2
Turner	7844 TURNER	0
aDams	7876 ADAMS	1
jaMes	7900 JAMES	2
Miller	7934 MILLER	0

13 rows selected.

SQL> COL ENAME FORMAT A10

SQL> R

```

1  SELECT EMPNO
2     ,ENAME
3     ,INSTR(ENAME,'A') AS FIRST_A
4     ,LOWER(SUBSTR(ENAME
5         ,1
6         ,INSTR(ENAME,'A')
7         )
8         )
9     ||INITCAP(SUBSTR(
10         ENAME
11         ,INSTR(ENAME,'A') + 1
12         )
13         ) AS ENAME
14* FROM EMP

```

EMPNO	ENAME	FIRST_A	ENAME
7698	BLAKE	3	blaKe
7782	CLARK	3	claRk
7566	JONES	0	Jones
7788	SCOTT	0	Scott
7902	FORD	0	Ford
7369	SMITH	0	Smith
7499	ALLEN	1	aLlen
7521	WARD	2	waRd
7654	MARTIN	2	maRtin
7844	TURNER	0	Turner
7876	ADAMS	1	aDams
7900	JAMES	2	jaMes

7934 MILLER

0 Miller

13 rows selected.

SQL> --IF A IS NOT THERE SHOW AS IT

SQL> IS

SP2-0042: unknown command "IS" - rest of line ignored.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT EMPNO
2  ,ENAME
3  ,INSTR(ENAME,'A') AS FIRST_A
4  ,CASE
5      WHEN INSTR(ENAME,'A') >0 THEN
6          LOWER(SUBSTR(ENAME
7              ,1
8              ,INSTR(ENAME,'A')
9              )
10         )
11      ||INITCAP(SUBSTR(
12          ENAME
13          ,INSTR(ENAME,'A') + 1
14          )
15         )
16      ELSE
17          ENAME
18      END AS ENAME
19* FROM EMP
SQL> /
```

EMPNO	ENAME	FIRST_A	ENAME
7698	BLAKE	3	blaKe
7782	CLARK	3	claRk
7566	JONES	0	JONES
7788	SCOTT	0	SCOTT
7902	FORD	0	FORD
7369	SMITH	0	SMITH
7499	ALLEN	1	aLlen
7521	WARD	2	waRd
7654	MARTIN	2	maRtin
7844	TURNER	0	TURNER
7876	ADAMS	1	aDams
7900	JAMES	2	jaMes
7934	MILLER	0	MILLER

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT EMPNO
2  ,CASE
3      WHEN INSTR(ENAME,'A') >0 THEN
4          LOWER(SUBSTR(ENAME
5              ,1
6              ,INSTR(ENAME,'A')
7              )
8          )
9      ELSE
10         ENAME
11     END AS ENAME
12 FROM EMP
```

```

7          )
8          )
9          || INITCAP (SUBSTR (
10             ENAME
11             , INSTR (ENAME, 'A') + 1
12             )
13         )
14     ELSE
15         ENAME
16     END AS ENAME
17* FROM EMP
SQL> /

```

```

      EMPNO ENAME
-----
      7698 blaKe
      7782 claRk
      7566 JONES
      7788 SCOTT
      7902 FORD
      7369 SMITH
      7499 aLlen
      7521 waRd
      7654 maRtin
      7844 TURNER
      7876 aDams
      7900 jaMes
      7934 MILLER

```

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT EMPNO
2  , ENAME
3  , CASE
4      WHEN INSTR (ENAME, 'A') > 0 THEN
5          LOWER (SUBSTR (ENAME
6              , 1
7              , INSTR (ENAME, 'A')
8              )
9          )
10     || INITCAP (SUBSTR (
11         ENAME
12         , INSTR (ENAME, 'A') + 1
13         )
14     )
15     ELSE
16         ENAME
17     END AS CONV_ENAME
18* FROM EMP
SQL> /

```

```

      EMPNO ENAME
-----
CONV_ENAME

```

-----  
7698 BLAKE  
blaKe

7782 CLARK  
claRk

7566 JONES  
JONES

7788 SCOTT  
SCOTT

7902 FORD  
FORD

7369 SMITH  
SMITH

7499 ALLEN  
aLlen

7521 WARD  
waRd

7654 MARTIN  
maRtin

7844 TURNER  
TURNER

7876 ADAMS  
aDams

7900 JAMES  
jaMes

7934 MILLER  
MILLER

13 rows selected.

SQL> COL CONV\_ENAME FORMAT A10

SQL> R

```
1  SELECT EMPNO
2  ,ENAME
3  ,CASE
4      WHEN INSTR(ENAME,'A') >0 THEN
5          LOWER(SUBSTR(ENAME
6              ,1
7              ,INSTR(ENAME,'A')
8              )
9              )
10         || INITCAP(SUBSTR(
11             ENAME
12             ,INSTR(ENAME,'A') + 1
```



```

13          )
14      )
15      ELSE
16          ENAME
17      END AS CONV_ENAME
18* FROM EMP

```

EMPNO	ENAME	CONV_ENAME
7698	BLAKE	blaKe
7782	CLARK	claRk
7566	JONES	JONES
7788	SCOTT	SCOTT
7902	FORD	FORD
7369	SMITH	SMITH
7499	ALLEN	aLlen
7521	WARD	waRd
7654	MARTIN	maRtin
7844	TURNER	TURNER
7876	ADAMS	aDams
7900	JAMES	jaMes
7934	MILLER	MILLER

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```

1  SELECT EMPNO
2  ,ENAME
3  ,CASE
4      WHEN INSTR(ENAME,'A') >0 THEN
5          LOWER(SUBSTR(ENAME
6              ,1
7              ,INSTR(ENAME,'A')
8              )
9          )
10     || INITCAP(SUBSTR(
11         ENAME
12         ,INSTR(ENAME,'A') + 1
13         )
14     )
15     ELSE
16         ENAME
17     END AS CONV_ENAME
18* FROM EMP
SQL> CL SCR

```

```

SQL> SELECT ENAME
2      || ' SALARY IS '
3      || SAL
4      || ' AND WORKING AS '
5      || JOB AS EMP_INFO
6  FROM EMP;

```

EMP\_INFO

-----

```

BLAKE SALARY IS 2850 AND WORKING AS MANAGER
CLARK SALARY IS 2695 AND WORKING AS MANAGER
JONES SALARY IS 2975 AND WORKING AS MANAGER
SCOTT SALARY IS 3000 AND WORKING AS ANALYST
FORD SALARY IS 3000 AND WORKING AS ANALYST
SMITH SALARY IS 800 AND WORKING AS CLERK
ALLEN SALARY IS 1600 AND WORKING AS SALESMAN
WARD SALARY IS 1250 AND WORKING AS SALESMAN
MARTIN SALARY IS 1250 AND WORKING AS SALESMAN
TURNER SALARY IS 1500 AND WORKING AS SALESMAN
ADAMS SALARY IS 1100 AND WORKING AS CLERK
JAMES SALARY IS 950 AND WORKING AS CLERK
MILLER SALARY IS 1430 AND WORKING AS CLERK

```

13 rows selected.

```

SQL> SELECT CONCAT(ENAME
2          , 'SALARY IS '
3          ) AS C1
4  FROM EMP;

```

C1

```

-----
BLAKESALARY IS
CLARKSALARY IS
JONESSALARY IS
SCOTTSALARY IS
FORDSALARY IS
SMITHSALARY IS
ALLENSALARY IS
WARDSALARY IS
MARTINSALARY IS
TURNERSALARY IS
ADAMSSALARY IS
JAMESSALARY IS
MILLERSALARY IS

```

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT CONCAT(ENAME
2          , ' SALARY IS '
3          ) AS C1
4*  FROM EMP
SQL> /

```

C1

```

-----
BLAKE SALARY IS
CLARK SALARY IS
JONES SALARY IS
SCOTT SALARY IS
FORD SALARY IS
SMITH SALARY IS
ALLEN SALARY IS
WARD SALARY IS

```

```
MARTIN SALARY IS
TURNER SALARY IS
ADAMS SALARY IS
JAMES SALARY IS
MILLER SALARY IS
```

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT CONCAT(ENAME
2                      , ' SALARY IS '
3                      , SAL
4                      ) AS C1
5* FROM EMP
```

SQL>

SQL> /

```
SELECT CONCAT(ENAME
              *
```

ERROR at line 1:

ORA-00909: invalid number of arguments

SQL> ED

Wrote file afiedt.buf

```
1  SELECT CONCAT(ENAME
2                      , ' SALARY IS '
3                      ) AS C1
4* FROM EMP
```

SQL> /

C1

-----

```
BLAKE SALARY IS
CLARK SALARY IS
JONES SALARY IS
SCOTT SALARY IS
FORD SALARY IS
SMITH SALARY IS
ALLEN SALARY IS
WARD SALARY IS
MARTIN SALARY IS
TURNER SALARY IS
ADAMS SALARY IS
JAMES SALARY IS
MILLER SALARY IS
```

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT CONCAT(
2                      CONCAT(ENAME
3                      , ' SALARY IS '
4                      )
```

```

5          ,SAL
6        ) AS C1
7* FROM EMP
SQL> /

```

C1

```

-----
BLAKE SALARY IS 2850
CLARK SALARY IS 2695
JONES SALARY IS 2975
SCOTT SALARY IS 3000
FORD SALARY IS 3000
SMITH SALARY IS 800
ALLEN SALARY IS 1600
WARD SALARY IS 1250
MARTIN SALARY IS 1250
TURNER SALARY IS 1500
ADAMS SALARY IS 1100
JAMES SALARY IS 950
MILLER SALARY IS 1430

```

13 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT CONCAT(
2          CONCAT(
3              CONCAT(ENAME
4                  , ' SALARY IS '
5                  )
6              ,SAL
7          )
8      , ' AND WORKING AS '
9      ) AS C1
10* FROM EMP
SQL> /

```

C1

```

-----
----
BLAKE SALARY IS 2850 AND WORKING AS
CLARK SALARY IS 2695 AND WORKING AS
JONES SALARY IS 2975 AND WORKING AS
SCOTT SALARY IS 3000 AND WORKING AS
FORD SALARY IS 3000 AND WORKING AS
SMITH SALARY IS 800 AND WORKING AS
ALLEN SALARY IS 1600 AND WORKING AS
WARD SALARY IS 1250 AND WORKING AS
MARTIN SALARY IS 1250 AND WORKING AS
TURNER SALARY IS 1500 AND WORKING AS
ADAMS SALARY IS 1100 AND WORKING AS
JAMES SALARY IS 950 AND WORKING AS
MILLER SALARY IS 1430 AND WORKING AS

```

13 rows selected.

```

SQL> ED

```

Wrote file afiedt.buf

```
1  SELECT CONCAT(  
2      CONCAT(  
3          CONCAT(  
4              CONCAT(ENAME  
5                  , ' SALARY IS '  
6                  )  
7              , SAL  
8              )  
9          , ' AND WORKING AS '  
10         )  
11         , JOB  
12         ) AS C1  
13* FROM EMP  
SQL> /
```

C1

```
-----  
-----  
BLAKE SALARY IS 2850 AND WORKING AS MANAGER  
CLARK SALARY IS 2695 AND WORKING AS MANAGER  
JONES SALARY IS 2975 AND WORKING AS MANAGER  
SCOTT SALARY IS 3000 AND WORKING AS ANALYST  
FORD SALARY IS 3000 AND WORKING AS ANALYST  
SMITH SALARY IS 800 AND WORKING AS CLERK  
ALLEN SALARY IS 1600 AND WORKING AS SALESMAN  
WARD SALARY IS 1250 AND WORKING AS SALESMAN  
MARTIN SALARY IS 1250 AND WORKING AS SALESMAN  
TURNER SALARY IS 1500 AND WORKING AS SALESMAN  
ADAMS SALARY IS 1100 AND WORKING AS CLERK  
JAMES SALARY IS 950 AND WORKING AS CLERK  
MILLER SALARY IS 1430 AND WORKING AS CLERK
```

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT CONCAT(  
2      CONCAT(  
3          CONCAT(  
4              CONCAT(ENAME  
5                  , ' SALARY IS '  
6                  )  
7              , SAL  
8              )  
9          , ' AND WORKING AS '  
10         )  
11         , JOB  
12         ) AS C1  
13* FROM EMP  
SQL> /
```

C1

```
-----  
-----  
BLAKE SALARY IS 2850 AND WORKING AS MANAGER
```

```

CLARK SALARY IS 2695 AND WORKING AS MANAGER
JONES SALARY IS 2975 AND WORKING AS MANAGER
SCOTT SALARY IS 3000 AND WORKING AS ANALYST
FORD SALARY IS 3000 AND WORKING AS ANALYST
SMITH SALARY IS 800 AND WORKING AS CLERK
ALLEN SALARY IS 1600 AND WORKING AS SALESMAN
WARD SALARY IS 1250 AND WORKING AS SALESMAN
MARTIN SALARY IS 1250 AND WORKING AS SALESMAN
TURNER SALARY IS 1500 AND WORKING AS SALESMAN
ADAMS SALARY IS 1100 AND WORKING AS CLERK
JAMES SALARY IS 950 AND WORKING AS CLERK
MILLER SALARY IS 1430 AND WORKING AS CLERK

```

13 rows selected.

```

SQL> SELECT ENAME
2      || ' SALARY IS '
3      || SAL
4      || ' AND WORKING AS '
5      || AS JOB AS EMP_INFO
6 FROM EMP;
      || AS JOB AS EMP_INFO
      *

```

ERROR at line 5:  
ORA-00936: missing expression

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT ENAME
2      || ' SALARY IS '
3      || SAL
4      || ' AND WORKING AS '
5      || JOB AS EMP_INFO
6* FROM EMP
SQL> /

```

EMP\_INFO

```

-----
BLAKE SALARY IS 2850 AND WORKING AS MANAGER
CLARK SALARY IS 2695 AND WORKING AS MANAGER
JONES SALARY IS 2975 AND WORKING AS MANAGER
SCOTT SALARY IS 3000 AND WORKING AS ANALYST
FORD SALARY IS 3000 AND WORKING AS ANALYST
SMITH SALARY IS 800 AND WORKING AS CLERK
ALLEN SALARY IS 1600 AND WORKING AS SALESMAN
WARD SALARY IS 1250 AND WORKING AS SALESMAN
MARTIN SALARY IS 1250 AND WORKING AS SALESMAN
TURNER SALARY IS 1500 AND WORKING AS SALESMAN
ADAMS SALARY IS 1100 AND WORKING AS CLERK
JAMES SALARY IS 950 AND WORKING AS CLERK
MILLER SALARY IS 1430 AND WORKING AS CLERK

```

13 rows selected.

```

SQL> ED

```

Wrote file afiedt.buf

```
1  SELECT ENAME||' SALARY IS '|| SAL
2      ||' AND WORKING AS '|| JOB AS EMP_INFO
3* FROM EMP
SQL> /
```

EMP\_INFO

```
-----
BLAKE SALARY IS 2850 AND WORKING AS MANAGER
CLARK SALARY IS 2695 AND WORKING AS MANAGER
JONES SALARY IS 2975 AND WORKING AS MANAGER
SCOTT SALARY IS 3000 AND WORKING AS ANALYST
FORD SALARY IS 3000 AND WORKING AS ANALYST
SMITH SALARY IS 800 AND WORKING AS CLERK
ALLEN SALARY IS 1600 AND WORKING AS SALESMAN
WARD SALARY IS 1250 AND WORKING AS SALESMAN
MARTIN SALARY IS 1250 AND WORKING AS SALESMAN
TURNER SALARY IS 1500 AND WORKING AS SALESMAN
ADAMS SALARY IS 1100 AND WORKING AS CLERK
JAMES SALARY IS 950 AND WORKING AS CLERK
MILLER SALARY IS 1430 AND WORKING AS CLERK
```

13 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT ENAME||' SALARY IS '|| SAL||CHR(10)
2      ||' AND WORKING AS '|| JOB AS EMP_INFO
3* FROM EMP
SQL> /
```

EMP\_INFO

```
-----
BLAKE SALARY IS 2850
AND WORKING AS MANAGER

CLARK SALARY IS 2695
AND WORKING AS MANAGER

JONES SALARY IS 2975
AND WORKING AS MANAGER

SCOTT SALARY IS 3000
AND WORKING AS ANALYST

FORD SALARY IS 3000
AND WORKING AS ANALYST

SMITH SALARY IS 800
AND WORKING AS CLERK

ALLEN SALARY IS 1600
AND WORKING AS SALESMAN
```

WARD SALARY IS 1250  
AND WORKING AS SALESMAN

MARTIN SALARY IS 1250  
AND WORKING AS SALESMAN

TURNER SALARY IS 1500  
AND WORKING AS SALESMAN

ADAMS SALARY IS 1100  
AND WORKING AS CLERK

JAMES SALARY IS 950  
AND WORKING AS CLERK

MILLER SALARY IS 1430  
AND WORKING AS CLERK

13 rows selected.

SQL> CL SCR

SQL> SELECT ASCII('A') AS C1  
2 FROM DUAL;

C1
65

SQL> SELECT CHR(65) AS C1  
2 FROM DUAL;

C
-
A

SQL> COL C1 FORMAT A10

SQL> R

1 SELECT CHR(65) AS C1  
2\* FROM DUAL

C1
A

SQL> SELECT 'GOOD MORNING' AS C1  
2 FROM DUAL;

C1
GOOD MORNI NG

SQL> ED

Wrote file afiedt.buf



```
1  SELECT 'GOOD MORNING' AS WISH
2*  FROM DUAL
SQL> /
```

```
WISH
-----
GOOD MORNING
```

```
SQL> CL SCR
```

```
SQL> R
1  SELECT 'GOOD MORNING' AS WISH
2*  FROM DUAL
```

```
WISH
-----
GOOD MORNING
```

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

```
1  SELECT CHR(10)
2      ||CHR(10)
3      ||'GOOD MORNING' AS WISH
4*  FROM DUAL
SQL> /
```

```
WISH
-----
```

```
GOOD MORNING
```

```
SQL> spool off
```