```
SQL> cl scr

SQL> SELECT
  2  'ORACLE' String,
  3  LOWER('ORACLE') Lower
  4  FROM DUAL;

STRING LOWER
------ ------
ORACLE oracle

SQL> SELECT Ename, Deptno, Job
  2  FROM Emp;

ENAME          DEPTNO JOB
---------- ---------- ---------
KING               10 PRESIDENT
BLAKE              30 MANAGER
CLARK              10 MANAGER
JONES              20 MANAGER
MARTIN             30 SALESMAN
ALLEN              30 SALESMAN
TURNER             30 SALESMAN
JAMES              30 CLERK
WARD               30 SALESMAN
FORD               20 ANALYST
SMITH              20 CLERK
SCOTT              20 ANALYST
ADAMS              20 CLERK
MILLER             10 CLERK

14 rows selected.

SQL> SELECT
  2  LOWER(Ename) Ename, Sal, LOWER(Job) Job
  3  FROM Emp;

ENAME          SAL JOB
---------- ---------- ---------
king          5000 president
blake         2850 manager
clark         2450 manager
jones         2975 manager
martin        1250 salesman
allen         1600 salesman
turner        1500 salesman
james          950 clerk
ward          1250 salesman
ford          3000 analyst
smith          800 clerk
scott         3000 analyst
adams         1100 clerk
```

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```
miller           1300 clerk

14 rows selected.

SQL> cl scr

SQL> SELECT
  2  Ename||'''s Designation is '||Job Employees
  3  FROM Emp
  4  WHERE Job = 'manager';

no rows selected

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename||'''s Designation is '||Job Employees
  3  FROM Emp
  4* WHERE LOWER(Job) = 'manager'
SQL> /

EMPLOYEES
--------------------------------------
BLAKE's Designation is MANAGER
CLARK's Designation is MANAGER
JONES's Designation is MANAGER

SQL> cl scr

SQL> SELECT
  2  Ename, Deptno, Job
  3  FROM Emp;

ENAME          DEPTNO JOB
---------- ---------- ---------
KING           10 PRESIDENT
BLAKE          30 MANAGER
CLARK          10 MANAGER
JONES          20 MANAGER
MARTIN         30 SALESMAN
ALLEN          30 SALESMAN
TURNER         30 SALESMAN
JAMES          30 CLERK
WARD           30 SALESMAN
FORD           20 ANALYST
SMITH          20 CLERK
SCOTT          20 ANALYST
ADAMS          20 CLERK
MILLER         10 CLERK

14 rows selected.
```

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```
SQL> SELECT Ename, Deptno, Job
  2  FROM Emp
  3  WHERE Job = 'manager';

no rows selected

SQL> ED
Wrote file afiedt.buf

  1  SELECT Ename, Deptno, Job
  2  FROM Emp
  3* WHERE Job = UPPER('manager')
SQL> /

ENAME          DEPTNO JOB
---------- ---------- ---------
BLAKE              30 MANAGER
CLARK              10 MANAGER
JONES              20 MANAGER

SQL> cl scr

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename||'''s Designation is '||LOWER(Job) Employee
  3  FROM Emp
  4* WHERE Job = UPPER('manager')
SQL> /

EMPLOYEE
-------------------------------------
BLAKE's Designation is manager
CLARK's Designation is manager
JONES's Designation is manager

SQL> cl scr

SQL> SELECT
  2  'oracle' String,
  3  UPPER('oracle') Upper
  4  FROM DUAL;

STRING UPPER
------ ------
oracle ORACLE

SQL> cl scr

SQL> SELECT
```

```
  2   Ename, Deptno, Sal, Job
  3   FROM Emp
  4   WHERE Job IN('&GiveJob1', '&GiveJob2', '&GiveJob3');
Enter value for givejob1: CLERK
Enter value for givejob2: Salesman
Enter value for givejob3: manager


ENAME           DEPTNO        SAL JOB
---------- ---------- ---------- ---------
JAMES            30        950 CLERK
SMITH            20        800 CLERK
ADAMS            20       1100 CLERK
MILLER           10       1300 CLERK


SQL> ED
Wrote file afiedt.buf


  1   SELECT
  2   Ename, Deptno, Sal, Job
  3   FROM Emp
  4*  WHERE Job IN(UPPER('&GiveJob1'), UPPER('&GiveJob2'),
UPPER('&GiveJob3'))
SQL> /
Enter value for givejob1: clerk
Enter value for givejob2: Salesman
Enter value for givejob3: MANAger


ENAME           DEPTNO        SAL JOB
---------- ---------- ---------- ---------
BLAKE            30       2850 MANAGER
CLARK            10       2450 MANAGER
JONES            20       2975 MANAGER
MARTIN           30       1250 SALESMAN
ALLEN            30       1600 SALESMAN
TURNER           30       1500 SALESMAN
JAMES            30        950 CLERK
WARD             30       1250 SALESMAN
SMITH            20        800 CLERK
ADAMS            20       1100 CLERK
MILLER           10       1300 CLERK


11 rows selected.

SQL> cl scr

SQL> SELECT
  2   'oracle corporation' String,
  3   INITCAP('oracle corporation') Initcap
  4   FROM DUAL;


STRING              INITCAP
------------------ ------------------
```

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```
oracle corporation Oracle Corporation

SQL> cl scr

SQL> SELECT
  2  'skyess techno solutions pvt. ltd.' String,
  3  INITCAP('skyess techno solutions pvt. ltd.') Initcap
  4  FROM DUAL;

STRING                            INITCAP
--------------------------------- ---------------------------------
skyess techno solutions pvt. ltd. Skyess Techno Solutions Pvt. Ltd.

SQL> SELECT
  2  'this is data for demonstration of initcap function' String,
  3  INITCAP('this is data for demonstration of initcap function')
Initcap
  4  FROM DUAL;

STRING                                            INITCAP
------------------------------------------------- ----------------------
--------------------------
this is data for demonstration of initcap function This Is Data For
Demonstration Of Initcap Function

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'this is1data6for@demonstration.of3initcap#function' String,
  3  INITCAP('this is1data6for@demonstration.of3initcap#function')
Initcap
  4* FROM DUAL
SQL> /

STRING                                            INITCAP
------------------------------------------------- ----------------------
--------------------------
this is1data6for@demonstration.of3initcap#function This
Is1data6for@Demonstration.Of3initcap#Function

SQL> cl scr

SQL> SELECT
  2  INITCAP(Ename)||'''s Designation is "'||LOWER(Job)||'" With A Salary
of '||Sal Employee
  3  FROM Emp;

EMPLOYEE
----------------------------------------------------------------------------
-----------------------
King's Designation is "president" With A Salary of 5000
```

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```
Blake's Designation is "manager" With A Salary of 2850
Clark's Designation is "manager" With A Salary of 2450
Jones's Designation is "manager" With A Salary of 2975
Martin's Designation is "salesman" With A Salary of 1250
Allen's Designation is "salesman" With A Salary of 1600
Turner's Designation is "salesman" With A Salary of 1500
James's Designation is "clerk" With A Salary of 950
Ward's Designation is "salesman" With A Salary of 1250
Ford's Designation is "analyst" With A Salary of 3000
Smith's Designation is "clerk" With A Salary of 800
Scott's Designation is "analyst" With A Salary of 3000
Adams's Designation is "clerk" With A Salary of 1100
Miller's Designation is "clerk" With A Salary of 1300


14 rows selected.

SQL> cl scr

SQL> SELECT
  2  'Oracle' String1,
  3  'Corporation' String2,
  4  CONCAT('Oracle', 'Corporation') Concat
  5  FROM DUAL;

STRING STRING2     CONCAT
------ ----------- -----------------
Oracle Corporation OracleCorporation

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'Oracle' String1,
  3  'Corporation' String2,
  4  CONCAT('Oracle', ' Corporation') Concat
  5* FROM DUAL
SQL> /

STRING STRING2     CONCAT
------ ----------- -----------------
Oracle Corporation Oracle Corporation

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'Oracle' String1,
  3  'Corporation' String2,
  4  CONCAT('Oracle', CONCAT(' ', 'Corporation')) Concat
  5* FROM DUAL
SQL> /
```

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```
STRING STRING2      CONCAT
------ ----------- ------------------
Oracle Corporation Oracle Corporation

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'Oracle' String1,
  3  'Corporation' String2,
  4  CONCAT(UPPER('Oracle'), CONCAT(' ', LOWER('Corporation'))) Concat
  5* FROM DUAL
SQL> /

STRING STRING2      CONCAT
------ ----------- ------------------
Oracle Corporation ORACLE corporation

SQL> cl scr

SQL> SELECT Ename, Job, CONCAT(Ename, Job) Concat
  2  FROM Emp;

ENAME      JOB       CONCAT
---------- --------- ------------------
KING       PRESIDENT KINGPRESIDENT
BLAKE      MANAGER   BLAKEMANAGER
CLARK      MANAGER   CLARKMANAGER
JONES      MANAGER   JONESMANAGER
MARTIN     SALESMAN  MARTINSALESMAN
ALLEN      SALESMAN  ALLENSALESMAN
TURNER     SALESMAN  TURNERSALESMAN
JAMES      CLERK     JAMESCLERK
WARD       SALESMAN  WARDSALESMAN
FORD       ANALYST   FORDANALYST
SMITH      CLERK     SMITHCLERK
SCOTT      ANALYST   SCOTTANALYST
ADAMS      CLERK     ADAMSCLERK
MILLER     CLERK     MILLERCLERK

14 rows selected.

SQL> --King's Designation is President
SQL> SELECT
  2  Ename||'''s Designation is ||Job Employee
  3  FROM Emp
  4  WHERE Ename = 'KING';
ERROR:
ORA-01756: quoted string not properly terminated


SQL> ED
```

```
Wrote file afiedt.buf

  1  SELECT
  2  Ename||'''s Designation is '||Job Employee
  3  FROM Emp
  4* WHERE Ename = 'KING'
SQL> /

EMPLOYEE
--------------------------------------
KING's Designation is PRESIDENT

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  CONCAT(Ename, '''s Designation is '||Job) Employee
  3  FROM Emp
  4* WHERE Ename = 'KING'
SQL> /

EMPLOYEE
--------------------------------------
KING's Designation is PRESIDENT

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  CONCAT(Ename, CONCAT('''s Designation is ', Job)) Employee
  3  FROM Emp
  4* WHERE Ename = 'KING'
SQL> /

EMPLOYEE
--------------------------------------
KING's Designation is PRESIDENT

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  CONCAT(INITCAP(Ename), CONCAT('''s Designation is ', INITCAP(Job)))
Employee
  3  FROM Emp
  4* WHERE Ename = 'KING'
SQL> /

EMPLOYEE
--------------------------------------
King's Designation is President
```

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```
SQL> cl scr

SQL> SELECT
  2  'STRING' String,
  3  SUBSTR('STRING', 0, 4) SubString
  4  FROM DUAL;

STRING SUBS
------ ----
STRING STRI

SQL> cl scr

SQL> SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 0, 5) SubString
  4  FROM DUAL;

STRING       SUBST
------------ -----
ABCDEFGHIJKL ABCDE

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 4, 5) SubString
  4* FROM DUAL
SQL> /

STRING       SUBST
------------ -----
ABCDEFGHIJKL DEFGH

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 7) SubString
  4* FROM DUAL
SQL> /

STRING       SUBSTR
------------ ------
ABCDEFGHIJKL GHIJKL

SQL> ED
Wrote file afiedt.buf

  1  SELECT
```

```
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', -6, 4) SubString
  4* FROM DUAL
SQL> /

STRING        SUBS
------------ ----
ABCDEFGHIJKL GHIJ

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 5, -5) SubString
  4* FROM DUAL
SQL> /

STRING       S
------------ -
ABCDEFGHIJKL

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 5, 0) SubString
  4* FROM DUAL
SQL> /

STRING       S
------------ -
ABCDEFGHIJKL

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  NVL(SUBSTR('ABCDEFGHIJKL', 5, &CharPick), 'Fatal Error! Check The
Character Picker') SubString
  4* FROM DUAL
SQL> /
Enter value for charpick: 4

STRING        SUBS
------------ ----
ABCDEFGHIJKL EFGH

SQL> /
Enter value for charpick: 7
```

```
STRING       SUBSTRI
------------ -------
ABCDEFGHIJKL EFGHIJK

SQL> /
Enter value for charpick: 10

STRING       SUBSTRIN
------------ --------
ABCDEFGHIJKL EFGHIJKL

SQL> /
Enter value for charpick: 0

STRING       SUBSTRING
------------ -------------------------------------
ABCDEFGHIJKL Fatal Error! Check The Character Picker

SQL> /
Enter value for charpick: -6

STRING       SUBSTRING
------------ -------------------------------------
ABCDEFGHIJKL Fatal Error! Check The Character Picker

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'ABCDEFGHIJKL' String,
  3  SUBSTR('ABCDEFGHIJKL', 5.54, 6.26) SubString
  4* FROM DUAL
SQL> /

STRING       SUBSTR
------------ ------
ABCDEFGHIJKL EFGHIJ

SQL> cl scr

SQL> SELECT Ename, Deptno, Job
  2  FROM Emp
  3  WHERE SUBSTR(Job, 4, 3) = 'AGE';

ENAME          DEPTNO JOB
---------- ---------- ---------
BLAKE             30 MANAGER
CLARK             10 MANAGER
JONES             20 MANAGER

SQL> SELECT
```

```
  2  CONCAT(
  3   CONCAT(
  4        CONCAT(
  5             CONCAT(INITCAP(Ename), '''s Designation is '),
INITCAP(Job)), ' But He is a '),
  6                  CONCAT(
  7                       INITCAP(SUBSTR(Job, 1, 3)),' Eater.'))
  8  FROM Emp
  9  WHERE SUBSTR(Job, 4, 3) = UPPER('Age');

CONCAT(CONCAT(CONCAT(CONCAT(INITCAP(ENAME),'''SDESIGNATIONIS'),INITCA
----------------------------------------------------------------------
Blake's Designation is Manager But He is a Man Eater.
Clark's Designation is Manager But He is a Man Eater.
Jones's Designation is Manager But He is a Man Eater.

SQL> cl scr

SQL> SELECT
  2  Empno, Ename, Deptno, Job, Sal, HireDate
  3  FROM Emp
  4  WHERE Ename = 'KING';

     EMPNO ENAME          DEPTNO JOB             SAL HIREDATE
---------- ---------- ---------- --------- ---------- ---------
      7839 KING               10 PRESIDENT       5000 17-NOV-81

SQL> --Employee ID : 7839-PRE-10-NOV/81
SQL> SELECT
  2  Empno, Ename, Deptno, Job, Sal, HireDate,
  3  Empno||'-'||SUBSTR(Job, 1, 3)||'-'||Deptno||'-'||SUBSTR(HireDate, 4,
3)||'/'||SUBSTR(HireDate, 8) EmployeeID
  4  FROM Emp
  5
SQL> COL EmployeeID FORMAT A40
SQL> R
  1  SELECT
  2  Empno, Ename, Deptno, Job, Sal, HireDate,
  3  Empno||'-'||SUBSTR(Job, 1, 3)||'-'||Deptno||'-'||SUBSTR(HireDate, 4,
3)||'/'||SUBSTR(HireDate, 8) EmployeeID
  4* FROM Emp

     EMPNO ENAME          DEPTNO JOB             SAL HIREDATE
EMPLOYEEID
---------- ---------- ---------- --------- ---------- --------- ---------
------------------------------
      7839 KING               10 PRESIDENT       5000 17-NOV-81 7839-PRE-
10-NOV/81
      7698 BLAKE              30 MANAGER         2850 01-MAY-81 7698-MAN-
30-MAY/81
      7782 CLARK              10 MANAGER         2450 09-JUN-81 7782-MAN-
10-JUN/81
```

```
      7566 JONES              20 MANAGER        2975 02-APR-81 7566-MAN-
20-APR/81
      7654 MARTIN             30 SALESMAN       1250 28-SEP-81 7654-SAL-
30-SEP/81
      7499 ALLEN              30 SALESMAN       1600 20-FEB-81 7499-SAL-
30-FEB/81
      7844 TURNER             30 SALESMAN       1500 08-SEP-81 7844-SAL-
30-SEP/81
      7900 JAMES              30 CLERK           950 03-DEC-81 7900-CLE-
30-DEC/81
      7521 WARD               30 SALESMAN       1250 22-FEB-81 7521-SAL-
30-FEB/81
      7902 FORD               20 ANALYST        3000 03-DEC-81 7902-ANA-
20-DEC/81
      7369 SMITH              20 CLERK           800 17-DEC-80 7369-CLE-
20-DEC/80
      7788 SCOTT              20 ANALYST        3000 09-DEC-82 7788-ANA-
20-DEC/82
      7876 ADAMS              20 CLERK          1100 12-JAN-83 7876-CLE-
20-JAN/83
      7934 MILLER             10 CLERK          1300 23-JAN-82 7934-CLE-
10-JAN/82

14 rows selected.

SQL> cl scr

SQL> SELECT
  2  'Oracle' String,
  3  LENGTH('Oracle') Length
  4  FROM DUAL;

STRING     LENGTH
------ ----------
Oracle          6

SQL> SELECT
  2  'SkyEss Techno Solutions Pvt. Ltd.' String,
  3  LENGTH('SkyEss Techno Solutions Pvt. Ltd.') Length
  4  FROM DUAL;

STRING                            LENGTH
--------------------------------- ----------
SkyEss Techno Solutions Pvt. Ltd.     33

SQL> cl scr

SQL> SELECT
  2  Ename||' Your Name Carries '||LENGTH(Ename)||' Charcters.' Employees
  3  FROM Emp;

EMPLOYEES
```

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```
-----------------------------------------------------------------------
-------
KING Your Name Carries 4 Charcters.
BLAKE Your Name Carries 5 Charcters.
CLARK Your Name Carries 5 Charcters.
JONES Your Name Carries 5 Charcters.
MARTIN Your Name Carries 6 Charcters.
ALLEN Your Name Carries 5 Charcters.
TURNER Your Name Carries 6 Charcters.
JAMES Your Name Carries 5 Charcters.
WARD Your Name Carries 4 Charcters.
FORD Your Name Carries 4 Charcters.
SMITH Your Name Carries 5 Charcters.
SCOTT Your Name Carries 5 Charcters.
ADAMS Your Name Carries 5 Charcters.
MILLER Your Name Carries 6 Charcters.

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename||' Your Name Carries '||LENGTH(Ename)||' Charcters.' Employees
  3  FROM Emp
  4* WHERE LENGTH(Ename) = 4
SQL> /

EMPLOYEES
-----------------------------------------------------------------------
-------
KING Your Name Carries 4 Charcters.
WARD Your Name Carries 4 Charcters.
FORD Your Name Carries 4 Charcters.

SQL> SELECT
  2  INTICAP(Ename),
  3  Job
  4  FROM Emp
  5  WHERE SUBSTR(Job, 4, LENGTH(SUBSTR(Job, 4, 3))) = 'AGE';
INTICAP(Ename),
*
ERROR at line 2:
ORA-00904: "INTICAP": invalid identifier


SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  INITCAP(Ename),
  3  Job
```

```
   4   FROM Emp
   5* WHERE SUBSTR(Job, 4, LENGTH(SUBSTR(Job, 4, 3))) = 'AGE'
SQL> /

INITCAP(EN JOB
---------- ---------
Blake      MANAGER
Clark      MANAGER
Jones      MANAGER

SQL> cl scr

SQL> SELECT
   2   'STRING' String,
   3   INSTR('STRING', 'R') INSTR
   4   FROM DUAL;

STRING       INSTR
------ ----------
STRING         3

SQL> ED
Wrote file afiedt.buf

   1   SELECT
   2   'STRING' String,
   3   INSTR('STRING', 'R', 1, 1) INSTR
   4*  FROM DUAL
SQL> /

STRING       INSTR
------ ----------
STRING         3

SQL> ED
Wrote file afiedt.buf

   1   SELECT
   2   'STRING' String,
   3   INSTR('STRING', 'R', 1, 2) INSTR
   4*  FROM DUAL
SQL> /

STRING       INSTR
------ ----------
STRING         0

SQL> ED
Wrote file afiedt.buf

   1   SELECT
   2   'STRING' String,
```

```
   3  INSTR('STRING', 'R', 2, 1) INSTR
   4* FROM DUAL
SQL> /

STRING     INSTR
------ ----------
STRING          3

SQL> ED
Wrote file afiedt.buf

   1  SELECT
   2  'STRINGRINGS' String,
   3  INSTR('STRINGRINGS', 'R', 1, 2) INSTR
   4* FROM DUAL
SQL> /

STRING          INSTR
----------- ----------
STRINGRINGS          7

SQL> ED
Wrote file afiedt.buf

   1  SELECT
   2  'STRINGRINGS' String,
   3  INSTR('STRINGRINGS', 'R', 2, 2) INSTR
   4* FROM DUAL
SQL> /

STRING          INSTR
----------- ----------
STRINGRINGS          7

SQL> ED
Wrote file afiedt.buf

   1  SELECT
   2  'STRINGRINGS' String,
   3  INSTR('STRINGRINGS', 'R', 3, 2) INSTR
   4* FROM DUAL
SQL> /

STRING          INSTR
----------- ----------
STRINGRINGS          7

SQL> ED
Wrote file afiedt.buf

   1  SELECT
   2  'STRINGRINGS' String,
```

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```
  3  INSTR('STRINGRINGS', 'R', 4, 2) INSTR
  4* FROM DUAL
SQL> /

STRING           INSTR
----------- ----------
STRINGRINGS          0

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'STRINGRINGS' String,
  3  INSTR('STRINGRINGS', 'R', -6, 1) INSTR
  4* FROM DUAL
SQL> /

STRING           INSTR
----------- ----------
STRINGRINGS          3

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'STRINGRINGS' String,
  3  INSTR('STRINGRINGS', 'RIN', 1, 1) INSTR
  4* FROM DUAL
SQL> /

STRING           INSTR
----------- ----------
STRINGRINGS          3

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'STRINGRINGS' String,
  3  INSTR('STRINGRINGS', 'RIN', 1, 2) INSTR
  4* FROM DUAL
SQL> /

STRING           INSTR
----------- ----------
STRINGRINGS          7

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'STRINGRINGS' String,
```

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```
    3  INSTR('STRINGRINGS', 'RIN', -6, 1) INSTR
    4* FROM DUAL
SQL> /

STRING            INSTR
----------- ----------
STRINGRINGS           3

SQL> cl scr

SQL> SELECT
    2  'CORPORATE FLOOR' Original,
    3  INSTR('CORPORATE FLOOR', 'OR', 3, 2) InString
    4  FROM DUAL;

ORIGINAL          INSTRING
--------------- ----------
CORPORATE FLOOR        14

SQL> ED
Wrote file afiedt.buf

    1  SELECT
    2  'CORPORATE FLOOR' Original,
    3  INSTR('CORPORATE FLOOR', 'OR', 2, 2) InString
    4* FROM DUAL
SQL> /

ORIGINAL          INSTRING
--------------- ----------
CORPORATE FLOOR         5

SQL> cl scr

SQL> SELECT
    2  Ename,
    3  Job,
    4  INSTR(Job, 'A', 1, 2) InString
    5  FROM Emp
    6  WHERE Job = 'MANAGER';

ENAME      JOB        INSTRING
---------- --------- ----------
BLAKE      MANAGER           4
CLARK      MANAGER           4
JONES      MANAGER           4

SQL> ED
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    1  SELECT
    2  Ename,
```

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```
  3  Job,
  4  INSTR(Job, 'A', 1, 2) InString
  5* FROM Emp
SQL> /

ENAME        JOB          INSTRING
---------- --------- ----------
KING        PRESIDENT          0
BLAKE       MANAGER            4
CLARK       MANAGER            4
JONES       MANAGER            4
MARTIN      SALESMAN           7
ALLEN       SALESMAN           7
TURNER      SALESMAN           7
JAMES       CLERK              0
WARD        SALESMAN           7
FORD        ANALYST            3
SMITH       CLERK              0
SCOTT       ANALYST            3
ADAMS       CLERK              0
MILLER      CLERK              0

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename,
  3  Job,
  4  INSTR(Job, 'A', 1, 2) InString
  5  FROM Emp
  6* WHERE INSTR(Job, 'A', 1, 2) = 3
SQL> /

ENAME        JOB       INSTRING
---------- --------- ----------
FORD        ANALYST            3
SCOTT       ANALYST            3

SQL> SELECT
  2  Job Original,
  3  SUBSTR(Job,INSTR(Job, 'A', 1, 2), 3) SubString
  4  FROM Emp
  5  WHERE Job = 'MANAGER';

ORIGINAL   SUBSTRING
--------- ------------
MANAGER    AGE
MANAGER    AGE
MANAGER    AGE
```

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```
SQL> cl scr

SQL> --'Sample_Text', 'Sample', 'Text'
SQL>
SQL> SELECT
  2  'Sample_Text' String,
  3  'Sample' Sample,
  4  'Text' Text
  5  FROM DUAL;

STRING      SAMPLE TEXT
----------- ------ ----
Sample_Text Sample Text

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  'Sample_Text' String,
  3  SUBSTR('Sample_Text', 1, 6) Sample,
  4  SUBSTR('Sample_Text', 8) Text
  5* FROM DUAL
SQL> /

STRING      SAMPLE TEXT
----------- ------ ----
Sample_Text Sample Text

SQL> SELECT
  2  'Sample_Text' OrgString,
  3  SUBSTR('Sample_Text', 1, INSTR('Sample_Text', '_', 1, 1) - 1)
Sample,
  4  SUBSTR('Sample_Text', INSTR('Sample_Text', '_', 1, 1) + 1) Text
  5  FROM DUAL
  6  /

ORGSTRING   SAMPLE TEXT
----------- ------ ----
Sample_Text Sample Text

SQL> SELECT
  2  '&&GiveString' OrgString,
  3  SUBSTR('&&GiveString', 1, INSTR('&&GiveString', '_', 1, 1) - 1)
String1,
  4  SUBSTR('&&GiveString', INSTR('&&GiveString', '_', 1, 1) + 1) String2
  5  FROM DUAL
  6  /
Enter value for givestring: Air_Plane

ORGSTRING STR STRIN
--------- --- -----
Air_Plane Air Plane
```

```
SQL> DEFINE GiveString = Situational_State
SQL> R
  1  SELECT
  2  '&&GiveString' OrgString,
  3  SUBSTR('&&GiveString', 1, INSTR('&&GiveString', '_', 1, 1) - 1)
String1,
  4  SUBSTR('&&GiveString', INSTR('&&GiveString', '_', 1, 1) + 1) String2
  5* FROM DUAL

ORGSTRING          STRING1      STRIN
---------------- ----------- -----
Situational_State Situational State


SQL> /

ORGSTRING          STRING1      STRIN
---------------- ----------- -----
Situational_State Situational State

SQL> DEFINE GiveString = Corporate_Floor
SQL> /

ORGSTRING         STRING1    STRIN
--------------- --------- -----
Corporate_Floor Corporate Floor

SQL> DEFINE GiveString = SkyEss_Techno
SQL> /

ORGSTRING      STRING STRING
------------- ------ ------
SkyEss_Techno SkyEss Techno

SQL> SPOOL OFF
```