
Executing a procedure

A procedure can either be executed from SQL*Plus or a PL/SQL block. The P_TO_UPPER procedure can be executed from SQL*Plus.

The following code shows the execution of the procedure from SQL*Plus (note that the parameter is passed using bind variable):

```
/*Enable the SERVEROUTPUT parameter to print the results in the
environment*/
SQL> SET SERVEROUTPUT ON

/*Declare a session variable for the input*/
SQL> VARIABLE M_STR VARCHAR2(50);

/*Assign a test value to the session variable*/
SQL> EXECUTE :M_STR := 'My first PLSQL procedure';

PL/SQL procedure successfully completed.

/*Call the procedure P_TO_UPPER*/
SQL> EXECUTE P_TO_UPPER(:M_STR);
Input string in Upper case : MY FIRST PLSQL PROCEDURE

PL/SQL procedure successfully completed.
```

The P_TO_UPPER procedure can be called as a procedural statement within an anonymous PL/SQL block:

```
/*Enable the SERVEROUTPUT parameter to print the results in the
environment*/
SQL> SET SERVEROUTPUT ON

/*Start a PL/SQL block*/
SQL> BEGIN
    /*Call the P_TO_UPPER procedure*/
    P_TO_UPPER ('My first PLSQL procedure');
END;
/

Input string in Upper case : MY FIRST PLSQL PROCEDURE

PL/SQL procedure successfully completed.
```