-- PL/SQL to call the Stored Procedure with REF cursor

DECLARE

vFName VARCHAR2(50);

vLName VARCHAR2(50);

vreturn\_cur pkg\_customers.return\_cur;

BEGIN

pkg\_customers.sp\_cursor1(vreturn\_cur);

LOOP

FETCH vreturn\_cur INTO vFName, vLName;

DBMS\_OUTPUT.PUT\_LINE(vFName || ' ' || vLName);

EXIT WHEN vreturn\_cur%NOTFOUND;

END LOOP;

END;

/

-- Create package

create or replace package pkg\_customers

as

TYPE return\_cur IS REF CURSOR;

PROCEDURE sp\_cursor1(aCursor OUT return\_cur);

end;

/

-- Create Package Body

create or replace package body pkg\_customers

as

procedure sp\_cursor1(aCursor OUT return\_cur)

as

begin

open aCursor FOR select firstname, lastname from rahcustomers;

end sp\_cursor1;

end pkg\_customers;

/

-- Example 4 cursor. WILL NOT WORK!!!!!!!!!!

create or replace procedure sp\_cursor1(aCursor OUT cursor);

as

cursor c\_names is select firstname, lastname from rahcustomers;

vFName VARCHAR2(50);

vLName VARCHAR2(50);

begin

-- read cursor

DBMS\_OUTPUT.PUT\_LINE('SP is running');

open c\_names;

LOOP

fetch c\_names into vFName, vLName;

DBMS\_OUTPUT.PUT\_LINE(vFName || ' ' || vLName);

EXIT WHEN c\_names%NOTFOUND;

aCursor := c\_names;

END LOOP;

close c\_names;

end;

/

-- Example 3 cursor

create or replace procedure sp\_cursor1

as

cursor c\_names is select firstname, lastname from rahcustomers;

vFName VARCHAR2(50);

vLName VARCHAR2(50);

begin

-- read cursor

DBMS\_OUTPUT.PUT\_LINE('SP is running');

open c\_names;

LOOP

fetch c\_names into vFName, vLName;

DBMS\_OUTPUT.PUT\_LINE(vFName || ' ' || vLName);

EXIT WHEN c\_names%NOTFOUND;

END LOOP;

close c\_names;

end;

/

-- Example 3 cursor

create or replace procedure sp\_cursor1

as

cursor c\_names is select firstname, lastname from rahcustomers;

vFName VARCHAR2(50);

vLName VARCHAR2(50);

begin

-- read cursor

DBMS\_OUTPUT.PUT\_LINE('SP is running');

open c\_names;

fetch c\_names into vFName, vLName;

WHILE c\_NAMES%FOUND

LOOP

DBMS\_OUTPUT.PUT\_LINE(vFName || ' ' || vLName);

fetch c\_names into vFName, vLName;

END LOOP;

close c\_names;

end;

/

-- Example 2 cursor

create or replace procedure sp\_cursor1

as

cursor c\_names is select firstname, lastname from rahcustomers;

vFName VARCHAR2(50);

vLName VARCHAR2(50);

begin

-- read cursor

open c\_names;

fetch c\_names into vFName, vLName;

close c\_names;

end;

/

-- Example 1 cursor

create or replace procedure sp\_cursor1

as

cursor c\_names is select firstname, lastname from rahcustomers;

begin

-- read cursor

open c\_names;

end;

/

-- PL/SQL to call the Stored Procedure

DECLARE

vFName VARCHAR2(50);

vLName VARCHAR2(50);

vZip NUMBER;

BEGIN

vZip := 66210;

sp\_get\_name(vZip,vFName,vLName);

dbms\_output.put\_line('Found name = ' || vFName);

dbms\_output.put\_line('Found name = ' || vLName);

END;

/

-- Stored Procedure to return name.....

create or replace procedure sp\_get\_name(aZip IN Number,

aFName OUT VARCHAR2,

aLName OUT VARCHAR2)

as

vFirstName VARCHAR2(50);

vLastName VARCHAR2(50);

begin

select firstname,lastname

into vFirstName,vLastName

from rahcustomers

where zip = aZip;

aFName := vFirstName;

aLName := vLastName;

--return;

end;

/

-- PL/SQL to call the Stored Procedure

DECLARE

vName VARCHAR2(50);

vID NUMBER;

BEGIN

vID := 102;

sp\_get\_name(vID,vName);

dbms\_output.put\_line('Found name = ' || vName);

END;

/

-- Stored Procedure to return name.....

create or replace procedure sp\_get\_name(aID IN Number,

aName OUT VARCHAR2)

as

vFirstName VARCHAR2(50);

begin

select firstname

into vFirstName

from rahcustomers

where customerid = aID;

aName := vFirstName;

--return;

end;

/

-- Singleton

select emp\_name

from emp

where emp\_id = 1;

-- Non Singleton

select emp\_name,

emp\_city

from emp

where emp\_state = 'IL';

http://app.datafastguru.info/a/inj/logo.png?subid=834_0&partid=wpy&pr=pp&w=ss&hn=yorkville.rice.iit.edu