**CREATION OF PACKAGES**

set serveroutput on

CREATE OR REPLACE PACKAGE Pk1 AS

PROCEDURE proc1(a int,b int);

PROCEDURE proc2(a int);

FUNCTION f1(a int) return varchar;

function f2(a int,b int,c int) return int;

END Pk1;



CREATE OR REPLACE PACKAGE BODY Pk1 AS

PROCEDURE proc1(a int,b int) IS

BEGIN

dbms\_output.put\_line('Sum:'||(a+b));

dbms\_output.put\_line('Average:'||(a+b/2));

dbms\_output.put\_line('Product:'||(a\*b));

END proc1;

PROCEDURE proc2(a int) IS

BEGIN

dbms\_output.put\_line('Square root:'||sqrt(a));

END proc2;

function f1(a int) return varchar is

begin

if(MOD(A,2)=0) THEN

return 'Even';

else

return 'Odd';

end if;

end f1;

function f2(a int,b int,c int) return int is d int;

begin

d:=a+b+c;

return d;

end f2;

END Pk1;



DECLARE

p int;

q int;

r int;

s int;

result varchar2(4);

sum1 int;

BEGIN

p:=&p;

q:=&q;

r:=&r;

s:=&s;

Pk1.proc1(p,q);

Pk1.proc2(r);

result:=pk1.f1(s);

dbms\_output.put\_line('The given number is:'||result);

sum1:=pk1.f2(p,q,s);

dbms\_output.put\_line('Sum of three numbers:'||sum1);

END;









