**Write a PL/SQL program to find the Factorial of a number using a function**.

CREATE OR REPLACE FUNCTION calculate(n in NUMBER) RETURN NUMBER IS

fact NUMBER:=1;

BEGIN

IF n<0 THEN

RETURN NULL;

ELSE

FOR i in 1..n LOOP

fact:=fact\*i;

END LOOP;

RETURN fact;

END IF;

END;

/

DECLARE

a NUMBER;

res NUMBER;

BEGIN

a:=:a;

res:=calculate(a);

IF res IS NULL THEN

dbms\_output.put\_line('Negative number');

ELSE

dbms\_output.put\_line('Factorial of '||a||' is '||res);

END IF;

END;

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