**ASSIGNMENT: 10**

**DATE:** 31/01/2019

**PROBLEM DEFINATION: WRITE A PL/SQL TO FIND AND DISPLAY THE SUM OF FIRST N NATURAL NUMBER .**

**ALGORITHM:**

STEP 1: START

STEP 2: read n and set i=0 and j=0

STEP 3: for i = 0 to n

STEP 4: j= j + i

( end loop )

STEP 5: print j

STEP 6: END

**SOURCE CODE:**

set serveroutput on

Declare

i number;

N NUMBER;

j NUMBER;

Begin

N:=&N;

J:=0;

for i in 1..N loop

j:=j+i;

end loop;

dbms\_output.put\_line('THE RESULT='||j);

end;

/

**OUTPUT:**

Enter value for n: 5

old 6: N:=&N;

new 6: N:=5;

THE RESULT=15

PL/SQL procedure successfully completed.

**DISCUSSION:**

1. In UNIX system we can implement addition of first n natural number by using the above source code.

2. We use “for loop” for perform the addition.