

# To write a PL/SQL program to find sum of first n natural numbers.

## Program

```
declare

    limit number;

    s number;

begin

    limit:=&limit;

    for i in 1..limit

    loop

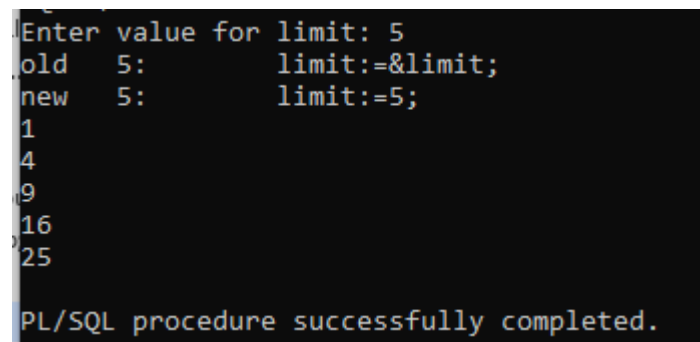
        s:=i*i;

        dbms_output.put_line(' '||s);

    end loop;

end;
```

## Output



The screenshot shows the execution of the PL/SQL program. It prompts the user to enter a value for 'limit', which is 5. The program then calculates the sum of the first 5 natural numbers (1, 4, 9, 16, 25) and displays them on separate lines. Finally, it confirms that the PL/SQL procedure was successfully completed.

```
Enter value for limit: 5
old 5:      limit:=&limit;
new 5:      limit:=5;
1
4
9
16
25
PL/SQL procedure successfully completed.
```