

## Task - 7 :- Procedure of loops

Aim:- To write PL/SQL programs using loops for printing the number customer IDs and demonstrating control in different scenarios.

### procedure :-

- 1.) start
- 2.) use a cursor of fetch customer ID from table
- 3.) for each ID check whether prime number using a loop.
- 4.) print the result using DBMS - output line
- 5.) end the block

### example :-

create or replace print-prime-customer

cursor

select customer - ID from customers.

v-ID number;

v-is-prime boolean

v-i number;

begin

open cust-cur

loop

fetch cust-cur INTO v-ID,

exit when cust-cur = not found;

if v-ID < 2 then

v-is-prime = false,

v-i := 2

while v-i <= trunc (v-ID) loop

The procedure checks all customery in the table and print, the prime are using while loop.

Example :- using for loop for first prime number

print - first n - prime (n number) is

n - num number := 2;

n - count number = 0

v - is prime Boolean

BEGIN

WHILE

v-count < nloop

v-is-prime = true

for i/n2 true (son (v-num)) loop

if mod (v-num) = 1 then

v-is-prime := false

exit

end if

end loop

VVL TECH - CSE	
PER NO.	
PERFORMANCE (5)	
RESULT AND ANALYSIS (5)	
VIVA VOCE (5)	
RECORD (5)	
TOTAL (20)	
DATE	

Result:- Thus, the procedure function and loops program using PL/SQL procedures

functions & loops are object successfully.

VVL TECH - CSE	
PER NO.	
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	4
RECORD (5)	1
TOTAL (20)	14
DATE	