

## Task - 7 i Procedure for 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 procedure print\_prime - customers

cursor  
select customer - ID from customers;  
v - ID number;  
n - prime boolean  
n - is - prime boolean;

begin  
open cust - cursor;  
loop  
fetch cust - cursor into v - ID;  
exit when cust - cursor . not found;  
if v - ID < 2 then  
v - is - prime = false;  
n - i ; = 2  
while v - i < true c (v - ID) loop



The procedure checks all customer in the table and prints, the prime one 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 n - count < n loop

n - is - prime = true

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

if mod (v - num) > 0 then

v - is - prime = false

4  
exit

end if

end loop

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RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	4
RECORD (5)	5
TOTAL (20)	14
SIGN WITH DATE	

Result:- Thus, the procedure function and

~~loops~~ program using plsql procedures

functions & loops are object type CS2 successfully

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