

Task:7 . Procedure For loops:

Aim : To write PL/SQL programs using loops
For printing the number - Cows to meins
and demonstrating control in different
Scenarios.

Procedure :

1. start
2. use a cursor of fetch customer ID from a 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 : 1:

Create or replace -print -prime -customer
cursor cust - cur is:

Select customer -Id from customers
V-Id number;
V-is-Prime boolean;
V-i number;

Begin .

Open cust - cur;
loop ,

FETC14 - cust - cur TN TO V-Id ;
Exit when cust = cur AND NOT found ;

If V-Id < 2 then .

V-is-Prime := False ;

V-i := 2 ;

While V-i <= Trunc ('USQRT (V-Id))) loop
If MOD (V-Id, V-i) = 0 then

Exit ;

End If ;

V-i = V-i + 1 ;

End loop ;

End loop ;

If V-is-Prime Then .

DBMS - output : PUTLine ('Prime customer
ID: ||V_id');

End if;
End loop;
Close cust-cur;
END;

This procedure checks all customer IDs
the table and prints the prime ones
using a while loop.

VLL TECH - CSE	
EX NO.	07
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	4
RECORD (5)	1
TOTAL (20)	14
SIGN WITH DATE	01

22/9/18

~~Result:~~ Thus, The procedure and program
using PL/SQL , function loops are
executed successfully.