

Task: 7 . Procedure For loops :

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

Procedure :

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

Example : 1:

create or replace print - prime - Cus to mer
cursor Cust = Cur is:

Select Cus to mer - ID from Cus to mer's

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 (sqrt (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 : PUT Line ('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	

22/9/25

Result: Thus, The procedure and Program
using PL/SQL, function loops are
Executed Successfully.