

TASK-7: Procedure Function and loops program using PL, SQL procedure, functions & loops:

Aim: To implement PL/SQL procedures, functions & loops number the org and business scenarios

1) simple PL/SQL: program (static input delete)

message varchar 200) l; booking closed;
begin

dbms - output - put (line (message))

end;

output:

booking closed.

2) condition statement (dynamic input)

deleteARE

mid number (3) = 100;

begin

~~If child = 10, then~~

~~dbms - output - line (= value of
mid is 10);~~

~~Els If child = 30) then~~

~~Els If~~

~~dbms - output put line (value of mid is 20");~~

~~Elsif child = 30) then~~

~~dbms - output put-line (value of mid is 30");~~

~~End if~~

~~dbms - output - line (exact value of mid",
(mid", no);)~~

output: None of the value is matching
exact value of mid in = 100

3) nested loops example
declare

mid number (1)

did number (1),

begin << outer - loop >>

for mid in 1..3 loop

<< inner - loop >>

... did in 1..1 loop

DBMS - output - put line (this is 11 hid and old isout).

END loop inner-loop,

END loop outer-loop;

output:

hid is = 1 and uid is = 1

(hid is = 1 and uid is = 2)

hid is = 1 and uid is = 3

(hid is = 2) and oid is = 1

hid is = 2 and oid is = 2

hid is = 3 and oid is = 1

we procedure example

create (or) replace procedure booking
- stated

IS BEGIN

IF (id > 200 THEN

DBMS - output - line 1 no booking

ELSE

DBMS - output - line 1 booking open;

END IF; OR

END PROCEDURE

BEGIN

booking - status (150);

booking - status (250);

END;

OUTPUT:

Booking open.

No booking available

PL SQL procedure for loop

Example: using while loop with colours
prime check using while loop
create or replace procedure printf

prime -

1
Number is prime or not
Number is prime or not

```
begin
    open cost-cav;
    loop select bin from 1 to 100;
        get cost -> cost (written to v-1d);
        RETCET cost bin 1 to 100;
    EDIT then cost = (written to v-1d)
    select bin from 1 to 100;
    IR valid partition <= 100;
    v := prime -> prime in
begin do 1 to 100;
    else
        if prime = true
            while v-1d >= 100
                if prime = true
                    cost = v-1d
                    v-1d = prime
                else
                    cost = 0
                    prime = false;
            end if;
        end while;
    end if;
end do;
close customer;
END;
```

The procedure checks all customers
in DB from the table and print
on file using cursor.

Example: using for loop for first n print number.

create (v) replaces procedure print first.

v-number = 20;

v - count number = 0;

v - is prime Boolean;

Begin,

while v-count < n loop

v-is-loop = TRUE;

for i = 2 to n-1 do (sort (v-num)) loop

if v-loop >= v-num then

v-loop (v-num - i) = v then

v - i; - prime = FALSE

END IF;

END IF;

v-count v-num
End loop;

End.

This procedure prints the first n prime numbers using a for loop

begin to
print -first -n-primes (10);
End;

Result: Through the program using PL and
and loops and procedures functioning loop
SQL procedures functioned successfully.

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RESULT AND ANALYSIS (5)	8/10
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