

Task: 6 PL/SQL Procedures, Functions, Loops

Aim: To Implement PL/SQL procedures, functions and loops of Number Theory and business scenarios.

Procedure:

PL/SQL is a combination SQL along with the procedure features of programming. It was developed to enhance capabilities and PL/SQL programming languages database, along with SQL itself and Java.

Simple program to print a sentence.

Syntax:

DECLARE

<declarations section>

BEGIN

<Executable Commands>

EXCEPTION

<EXCEPTION handling>

END;

Program:

DECLARE

message varchar2(20) := 'booking closed';

BEGIN

dbms_output.put_line(message);

END;

Static input:

SQL > set serveroutput on

SQL > declare

2. x number(5);

3. y number(5);

4. z number(9);

5. begin

6. x := 10;

7. y := 12;

8. z := x + y;

9. dbms_output.put_line('sum is: ' || z);

10. end;

11. /

Sum is 22
 PL/SQL 1. Procedure Successfully Completed.
dynamic Input:

```

set serveroutput on;
declare
  x number (5);
  y number (5);
  z number (9);
begin
  x := 10;
  y := 12;
  z := x+y;
  dbms_output.put_line ('sum is -12');
end;

```

Sample program for only function:

Set > create to replace function.
 Csin formation.

```

Return varchar2;
is
Begin
  if C-id > 200 then
    Return ('no booking available');
  else
    Return ('booking open');
  end if;
End;

```

VEL TECH - CSE	
EX NO.	06
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	4
RECORD (5)	1
TOTAL (20)	14
SIGN WITH DATE	

Result:

The Program PL/SQL Procedures; no
 functions, loops has successfully
 Implemented.

15/9/25