

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 Procedural features of Programming. It was developed (creation) 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 varchar(200) = 'booking closed,';
BEGIN
    dbms_output.put_line(message);
END;
```

Static Input

SQL> set serveroutput on

SQL> declare

1. x number(5);

2. y number(5);

3. z number;

4. begin

5. x:=10;

6. y:=12;

7. z:=x+y

8. dbms_output.put_line('Sum is: '||z);

9. end;

10. /

Sum is 22

PL/SQL: 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: '||z);

end;

/

Sample Program for only function

SQL > Create to replace function
(information

Return Version 2

1)

Begin

if c - id > 200 then

Return (no booking available:);

else

Return ('booking open');

END IF;

END;

;

Result:- The Program PL/SQL Procedure; has functions, look by
Successfully Implemented.

VEL TECH - GND	
EX NO.	60
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	4
VIVA VOCE (5)	4
RECORD (5)	14
TOTAL (20)	28
SIGN WITH DATE	