

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 extend capabilities and 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 dynamic 1. Procedure successfully completed.

Input:

```

Set serveroutput on;
declare
    X number (5);
    Y number (5);
    Z number (4);
begin
    X := 10;
    Y := 12;
    Z := X+Y;
    dbms_output_line ('sum is -uz');
end;

```

Sample program for only function:

SQL > Create to ro. replace function -  
Csinformation.

Return varchar2.  
IS  
Begin .  
if (-id > 200 then  
Return ('no booking available');  
else .  
Return .('booking open');  
End if;  
End;

15/9/20

Result :

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	

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