**Experiment No: 07**

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**Title:** Queries on PL/SQL commands.

**Batch:** T1

**Problem Statement:** Write function and procedure in PL/SQL.

**Solution:**

Function - To find maximum between two numbers.

SQL> declare

2 a number;

3 b number;

4 c number;

5 function findMax(x in number, y in number)

6 return number

7 is

8 z number;

9 begin

10 if x>y then

11 z:=x;

12 else

13 z:=y;

14 end if;

15 return z;

16 end;

17 begin

18 a:=32;

19 b:=10;

20 c:=findMax(a,b);

21 dbms\_output.put\_line('Maximum of (32,10):'||c);

22 end;

23 /

Procedure- To find minimum between two numbers.

SQL> declare

2 a number;

3 b number;

4 c number;

5 procedure findMin(x in number, y in number, z out number) is

6 begin

7 if x<y then

8 z:=x;

9 else

10 z:=y;

11 end if;

12 end;

13 begin

14 a:=32;

15 b:=10;

16 c:=findMin(a,b,c);

17 dbms\_output.put\_line('Minimum of (32,10):'||c);

18 end;

19 /

**Output:**

Function -

Maximum of (32,10):32

PL/SQL procedure successfully completed.

Procedure –

Minimum of (32, 10):10

PL/SQL procedure successfully completed.