Aim:- To implement PL/SQL procedure; functions and loops of Number Theory and business scenarious.

Procedure :- PL/SQL is a combination SQL along with the producer features of programing It was developed operation capabilities and PL/SQL programing languages. database, along with SQL itself and Java.

Syntax :-

```
DECLARE
    @<declaration sections
    BEGIN
        <Executable Commands)>
        exception
            <exception handling >
        END;
```

program :-

```
DECLARE
    message      varchar (20) = 'booking closed;

    BEGIN
        dbms- output. put - line (messages);

    END;
```

static INPUT :-

SQl > set servoroutput ON
Sql > declare

    2. xnumber <5>;
    3. ynumber <5>;
    4. znumber <9>;

    5. begin
    6. x=10;
    7. y= 12;
    8. z= x+y;

    9. dbms - output. put - line < sum
        is !! zy ;

    10. end;
    11)

    sum is 22

PL|SQL procedure sucessfully completed

dynamic Input :-

Set servoy output on;
declare
    x number (5);
    y number (5);
    z number (9);

begin
    n! =10;
    y! =12;
    z: = x+y ;

dbms - output - line ("summ is 112);
end ;

Sample program for only function :-

SQL > create to replace function
                              (sinfomation)

Return varchar 2.
is
Begin > 200 then
Return (" no booking available');

    ELSE
    Return (" booking open');

    ELSE
    RETURN (" booking open');
    end it;
    end ;
    /

Result :- The program PL|SQL procedure ; has
functions , LOOPS has sucessfully Implemented.