

Database Management System

Ex-9

PL/SQL Commands

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AIM:

To implement commands on PL/SQL.

COMMANDS :

1. Program for Hello World

DECLARE

message varchar(20) := 'Hello World';

BEGIN

dbms_output.put_line(message);

END;

2. Program for Integer & Float Number

DECLARE

a integer := 10;

b integer := 20;

c integer :=

f real;

BEGIN

c := a + b;

dbms_output.put_line('Value of c: ' || c);

f := 100.0 / 50;

dbms_output.put_line('Value of f: ' || f);

END;

3. Program for Local & Global Variable

set serveroutput on;

DECLARE

n1 number:=10;

n2 number:=20;

BEGIN

dbms_output.put_line('Inner var n1: '||n1);

dbms_output.put_line('Inner var n2: '||n2);

END;

DECLARE

n1 number:=30;

n2 number:=40;

BEGIN

dbms_output.put_line('Outer var n1: '||n1);

dbms_output.put_line('Outer var n2: '||n2);

DECLARE

n1 number:=10;

n2 number:=20;

BEGIN

dbms_output.put_line('Inner var n1: '||n1);

dbms_output.put_line('Inner var n2: '||n2);

END;

dbms_output.put_line('Inner var n1: '||n1);

dbms_output.put_line('Inner var n2: '||n2);

END;

4. Program for Even or Odd

```

DECLARE
    n number := 4;
BEGIN
    if mod(n, 2) = 0
    then dbms_output.put_line('Number Even');
    else
        dbms_output.put_line('Number Odd');
    end if;
END;

```

5. Program for Square A Number

```

DECLARE
    n number;
    PROCEDURE
        square(x IN OUT Number) IS
    BEGIN
        x := x * x;
    END;
    BEGIN
        a := 5;
        square(a);
        dbms_output.put_line('Square of (5) : ' || a);
    END;

```

OUTPUT :

Program for ...

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Program for ...

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Output:

RESULT:

Thus, the PL/SQL commands have been executed successfully.