1

DECLARE

"DECLARE" varchar2(25):='This is UPPERCASE';

"Declare" varchar2(25):='This is Uppercase';

"declare" varchar2(25):='This is lowercase';

BEGIN

dbms\_output.put\_line("DECLARE");

dbms\_output.put\_line("Declare");

dbms\_output.put\_line("declare");

END;

/

2

DECLARE

a number;

b number;

c number;

FUNCTION findmax(x IN number, y IN number)

RETURN number

IS

z number;

BEGIN

IF x>y THEN

z:=x;

ELSE

z:=y;

END IF;

RETURN z;

END;

BEGIN

a:=23;

b:=45;

c:=findmax(a,b);

dbms\_output.put\_line('Maximum of (23,45):'||c);

END;

/

3

DECLARE

a number;

b number;

c number;

PROCEDURE findmin(x IN number, y IN number, z OUT number)IS

BEGIN

IF x<y THEN

z:=x;

ELSE

z:=y;

END IF;

END;

BEGIN

a:=23;

b:=45;

findmin(a,b,c);

dbms\_output.put\_line('Minimum of (23,45):'||c);

END;

/

5

DECLARE

a number;

b number;

c number;

X varchar2(20);

Y date;

Z date;

BEGIN

a:=5;

b:=10;

c:=greatest(a,b);

dbms\_Output.put\_line('The value of C is:'||c);

x:='dog';

dbms\_Output.put\_line(upper(x));

y:=to\_date('10-01-2010','DD-MM-YYYY');

dbms\_Output.put\_line(add\_months(y,1));

END;

/

4

CREATE OR REPLACE PROCEDURE pri\_bool(

boo\_name VARCHAR2,

boo\_val BOOLEAN

)IS

BEGIN

IF boo\_val IS NULL THEN

DBMS\_OUTPUT.PUT\_LINE(boo\_name ||'= NULL');

ELSIF boo\_val = TRUE THEN

DBMS\_OUTPUT.PUT\_LINE(boo\_name || '= TRUE');

ELSE

DBMS\_OUTPUT.PUT\_LINE(boo\_name || '= FALSE');

END IF;

END;

/

6

DECLARE

type namesarray IS VARRAY(5) OF VARCHAR2(10);

type grades IS VARRAY(5) OF INTEGER;

names namesarray;

marks grades;

total integer;

BEGIN

names:=namesarray('Carter','John','Levi','Aiden','Daniel');

marks:=grades(98,97,7,87,92);

total:=names.count;

dbms\_output.put\_line('Total '||total||' students');

FOR i in 1.. TOTAL LOOP

dbms\_output.put\_line('Student:'||names(i)||' Marks:'||marks(i));

END LOOP;

END;

/

7

DECLARE

i number(1);

j number(1);

BEGIN

<<outer\_loop>>

FOR i IN 1..3 LOOP

<<inner\_loop>>

FOR j IN 1..3 LOOP

dbms\_output.put\_line('i is:'||i||' and j is:'||j);

END LOOP inner\_loop;

END LOOP outer\_loop;

END;

/