**Query No. :**

**Aim : 1) Create a function.**

**2) Show the application of the function.**

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Oracle Database 10g Enterprise Edition Release 10.2.0.3.0 - Production

With the Partitioning, OLAP and Data Mining options

SQL> create function add\_new(x in number,y in number,z out number)

2 return number

3 is

4 begin

5 z:=x+y;

6 return z;

7 end;

8 /

Function created.

SQL> declare x number;

2 y number;

3 z number;

4 begin

5 x:='&x';

6 y:='&y';

7 z:=add\_new(x,y,z);

8 dbms\_output.put\_line(x||' + '||y||' = '||z);

9 end;

10 /

Enter value for x: 7

old 5: x:='&x';

new 5: x:='7';

Enter value for y: 9

old 6: y:='&y';

new 6: y:='9';

7 + 9 = 16

PL/SQL procedure successfully completed.

SQL> /

Enter value for x: 19

old 5: x:='&x';

new 5: x:='19';

Enter value for y: 38

old 6: y:='&y';

new 6: y:='38';

19 + 38 = 57

PL/SQL procedure successfully completed.

SQL> /

Enter value for x: 28

old 5: x:='&x';

new 5: x:='28';

Enter value for y: 76

old 6: y:='&y';

new 6: y:='76';

28 + 76 = 104

PL/SQL procedure successfully completed.

SQL> /

Enter value for x: 101

old 5: x:='&x';

new 5: x:='101';

Enter value for y: 254

old 6: y:='&y';

new 6: y:='254';

101 + 254 = 355

PL/SQL procedure successfully completed.

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