**1.Program to display a number.**

SQL> declare

2 i number(5);

3 begin

4 i:=5;

5 dbms\_output.put\_line('Number is '||i);

6 end;

7 /

Number is 5

PL/SQL procedure successfully completed.

**2. Program to get salary of an employee with id E016 and display it on the screen.**

SQL> declare

2 var\_sal number(6);

3 var\_empid varchar(10):='E0001';

4 begin

5 select salary into var\_sal from emp\_1 where eid=var\_empid;

6 dbms\_output.put\_line('The employee '||var\_empid ||' has salary '||var\_sal);

7 end;

8 /

The employee E0001 has salary 20000

PL/SQL procedure successfully completed.

**3. Program to display grade based on marks obtained.**

SQL> declare

2 marks number(3);

3 begin

4 marks:=75;

5 if marks>=75 then

6 dbms\_output.put\_line('The Grade is A');

7 else if marks<75 and marks>=60 then

8 dbms\_output.put\_line('The Grade is B');

9 else

10 dbms\_output.put\_line('The Grade is C');

11 end if;

12 end if;

13 end;

14 /

The Grade is A

PL/SQL procedure successfully completed.

**4. Program to find the largest value from two value use if then loop.**

SQL> declare

2 X number(4);

3 Y number(5);

4 begin

5 X:=&X;

6 Y:=&Y;

7 if X>Y then

8 dbms\_output.put\_line(X || ' is Large');

9 else

10 dbms\_output.put\_line(Y ||' is Large');

11 end if;

12 end;

13 /

Enter value for x: 32

old 5: X:=&X;

new 5: X:=32;

Enter value for y: 45

old 6: Y:=&Y;

new 6: Y:=45;

45 is Large

PL/SQL procedure successfully completed.

**5. Program to add numbers and print the value using simple loop.**

SQL> declare

2 a number:=100;

3 begin

4 loop

5 a:=a+25;

6 exit when a=250;

7 end loop;

8 dbms\_output.put\_line(A || ' is the value after loop');

9 end;

10 /

250 is the value after loop

PL/SQL procedure successfully completed.

**6. Program to find sum of first 10 numbers using for loop.**

SQL> declare

2 sum1 integer:=0;

3 a integer;

4 count1 integer;

5 begin

6 For a in 1.. 10 loop

7 sum1:=sum1+a;

8 count1:=a;

9 end loop;

10 dbms\_output.put\_line('the sum ' ||count1|| ' number is '||sum1);

11 end;

12 /

the sum 10 number is 55

PL/SQL procedure successfully completed.

**7. Program to print numbers from 1 to 10 using while loop.**

SQL> declare

2 P number(15):=0;

3 begin

4 while(P<=10) loop

5 P:=P+1;

6 dbms\_output.put\_line(P);

7 end loop;

8 end;

9 /

1

2

3

4

5

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11

PL/SQL procedure successfully completed.