1. Solution

declare loopVar number(4);

facto number(4);

begin

loopVar :=5;

facto :=1;

for loopVar in 1..5

loop

facto:=facto\*loopVar;

end loop;

dbms\_output.put\_line(facto);

end;

1. Solution 2

declare loopVar number(4);

sqr number(4);

cube number(4);

begin

loopVar :=10;

for loopVar in 1..10

loop

sqr:=loopVar\*loopVar;

dbms\_output.put\_line('Squre of '||loopVar||'x'||loopVar||'='||sqr);

cube:=loopVar\*loopVar\*loopVar;

dbms\_output.put\_line('Cube of '||loopVar||'x'||loopVar||'x'||loopVar||'='||cube);

end loop;

end;

1. Solution 3

declare num1 number(4);

num2 number(4);

num3 number(4);

begin

num1 :=&num1;

num2 :=&num2;

num3 :=&num3;

if num1>num2 and num1>num3 then

dbms\_output.put\_line('Num1 is Bigger Value'||num1);

end if;

if num2>num3 then

dbms\_output.put\_line('Num2 is Bigger Value'||num2);

else

dbms\_output.put\_line('Num3 is Bigger Value'||num3);

end if;

end;

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1. Solution 4

declare radius number(4);

area number(6,3);

pi constant number(4,2):=3.14;

begin

radius :=&radius;

area:=pi\*radius\*2;

dbms\_output.put\_line('Area of Circle='||area);

end;

1. Solution 5 and 6

declare num number (3);

begin

num :=100;

for num in 1..100

loop

if mod(num,2)!=0 then

dbms\_output.put\_line('ODD '||num);

end if;

if mod(num,2)=0 then

dbms\_output.put\_line('Even '||num);

end if;

end loop;

end;

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1. Same as above
2. Solution 7

declare num1 number (3);

num2 number (3);

temp number (3);

begin

num1 :=&num1;

num2 :=&num2;

dbms\_output.put\_line('Value Before Swaping '||num1|| '&' || num2);

temp := num1;

num1 := num2;

num2 := temp;

dbms\_output.put\_line('Value After Swaping '||num1|| '&' || num2);

end;

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