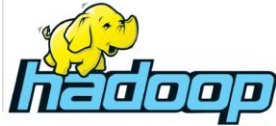




Sathish Yellanki

Upcoming Batches

ORACLE



Technology	Date	Time
Linux	30th July 2018	10am-11am
Oracle 11g	09th Aug 2018	7pm-8:30pm
Big Data	20th Aug 2018	7am-8am



For Registration  9985798869
040-23710047, 9985798869

Oracle By Sathish

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SQL> cl scr

SQL> DECLARE

```
2 V_Num NUMBER;
3 V_Position NUMBER;
4 V_Result NUMBER := 0;
5 BEGIN
6 V_Num := &NumberToReverse;
7 WHILE V_Num > 0
8 LOOP
9 V_Position := MOD(V_Num, 10);
10 V_Result := (V_Result * 10) + V_Position;
11 V_Num := TRUNC(V_Num / 10);
12 END LOOP;
13 DBMS_OUTPUT.PUT_LINE('The Reverse of the Entered Number is :
'||V_Result);
14 END;
15 /
```

Enter value for numbertoreverse: 1234

The Reverse of the Entered Number is : 4321

PL/SQL procedure successfully completed.

SQL> cl scr

SQL> DECLARE

```
2 V_MyDate1 DATE := '&GiveDate1';
3 V_MyDate2 DATE := '&GiveDate2';
4 BEGIN
5 WHILE V_MyDate1 <= V_MyDate2
6 LOOP
7 DBMS_OUTPUT.PUT_LINE(TO_CHAR(V_MyDate1, 'Month'));
8 V_MyDate1 := ADD_MONTHS(V_MyDate1, 1);
9 END LOOP;
10 END;
11 /
```

Enter value for givedate1: 01-JAN-18

Enter value for givedate2: 31-DEC-18

January

February

March

April

May

June

July

August

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September
October
November
December

PL/SQL procedure successfully completed.

```
SQL> DECLARE
  2  V_MyDate1 DATE := '&GiveDate1';
  3  V_MyDate2 DATE := '&GiveDate2';
  4  BEGIN
  5    WHILE V_MyDate1 <= V_MyDate2
  6    LOOP
  7      DBMS_OUTPUT.PUT_LINE(TO_CHAR(V_MyDate1, 'Month'));
  8      V_MyDate1 := ADD_MONTHS(V_MyDate1, 1);
  9      IF TO_CHAR(V_MyDate1, 'FMMonth') = 'August' THEN
 10        EXIT;
 11      END IF;
 12    END LOOP;
 13  END;
 14  /
```

Enter value for givedate1: 01-JAN-18

Enter value for givedate2: 31-DEC-18

January
February
March
April
May
June
July

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  V_StartRange NUMBER := &StartRange;
  3  V_EndRange NUMBER := &EndRange;
  4  V_Result VARCHAR2(500) := NULL;
  5  BEGIN
  6    DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
  7    FOR MyIndex IN V_StartRange..V_EndRange
  8    LOOP
  9      V_Result := V_Result||' '||V_StartRange;
 10      V_StartRange := V_StartRange + 1;
 11    END LOOP;
 12    DBMS_OUTPUT.PUT_LINE(V_Result);
```

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```
13  END;
14  /
Enter value for startrange: 1
Enter value for endrange: 10
Illustration of For Loop...!
1 2 3 4 5 6 7 8 9 10
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN V_StartRange..V_EndRange
8  LOOP
9  V_Result := V_Result||' '||V_StartRange;
10 V_StartRange := V_StartRange + 1;
11 END LOOP;
12 DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
13 DBMS_OUTPUT.PUT_LINE(V_Result);
14* END;
SQL> /
Enter value for startrange: 1
Enter value for endrange: 10
DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
*
```

```
ERROR at line 12:
ORA-06550: line 12, column 47:
PLS-00201: identifier 'MYINDEX' must be declared
ORA-06550: line 12, column 1:
PL/SQL: Statement ignored
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
```

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```
7   FOR MyIndex IN V_StartRange..V_EndRange
8   LOOP
9     V_Result := V_Result||' '||V_StartRange;
10    V_StartRange := V_StartRange + 1;
11    DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
12  END LOOP;
13  DBMS_OUTPUT.PUT_LINE(V_Result);
14* END;
SQL> /
Enter value for startrange: 1
Enter value for endrange: 10
Illustration of For Loop...!
The Index Value is : 1
The Index Value is : 2
The Index Value is : 3
The Index Value is : 4
The Index Value is : 5
The Index Value is : 6
The Index Value is : 7
The Index Value is : 8
The Index Value is : 9
The Index Value is : 10
1 2 3 4 5 6 7 8 9 10
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN V_StartRange..V_EndRange
8  LOOP
9    V_Result := V_Result||' '||V_StartRange;
10   V_StartRange := V_StartRange + 1;
11   DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
12  END LOOP;
13  DBMS_OUTPUT.PUT_LINE(V_Result);
14* END;
SQL> /
Enter value for startrange: 5
Enter value for endrange: 10
Illustration of For Loop...!
```

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```
The Index Value is : 5
The Index Value is : 6
The Index Value is : 7
The Index Value is : 8
The Index Value is : 9
The Index Value is : 10
5 6 7 8 9 10
```

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN REVERSE V_StartRange..V_EndRange
8  LOOP
9  V_Result := V_Result||' '||V_StartRange;
10 V_StartRange := V_StartRange + 1;
11 DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
12 END LOOP;
13 DBMS_OUTPUT.PUT_LINE(V_Result);
14* END;
SQL> /
Enter value for startrange: 1
Enter value for endrange: 10
Illustration of For Loop...!
The Index Value is : 10
The Index Value is : 9
The Index Value is : 8
The Index Value is : 7
The Index Value is : 6
The Index Value is : 5
The Index Value is : 4
The Index Value is : 3
The Index Value is : 2
The Index Value is : 1
1 2 3 4 5 6 7 8 9 10
```

PL/SQL procedure successfully completed.

SQL> /

Enter value for startrange: 1

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```
Enter value for endrange: 5
Illustration of For Loop...!
The Index Value is : 5
The Index Value is : 4
The Index Value is : 3
The Index Value is : 2
The Index Value is : 1
1 2 3 4 5
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN REVERSE V_StartRange..V_EndRange
8  LOOP
9  V_Result := V_Result||' '||V_StartRange;
10 V_StartRange := V_StartRange + 1;
11 DBMS_OUTPUT.PUT_LINE('The Index Value is : '||MyIndex);
12 MyIndex := MyIndex + 2;
13 END LOOP;
14 DBMS_OUTPUT.PUT_LINE(V_Result);
15* END;
SQL> /
Enter value for startrange: 1
Enter value for endrange: 10
MyIndex := MyIndex + 2;
*
ERROR at line 12:
ORA-06550: line 12, column 2:
PLS-00363: expression 'MYINDEX' cannot be used as an assignment target
ORA-06550: line 12, column 2:
PL/SQL: Statement ignored
```

```
SQL> cl scr
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
```

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```
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN V_StartRange..V_EndRange
8  LOOP
9  V_Result := V_Result||' '||V_StartRange;
10 V_StartRange := V_StartRange + 1;
11 DBMS_OUTPUT.PUT_LINE(V_Result);
12 END LOOP;
13* END;
```

SQL> /

Enter value for startrange: 1

Enter value for endrange: 5

Illustration of For Loop...!

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_StartRange NUMBER := &StartRange;
3  V_EndRange NUMBER := &EndRange;
4  V_Result VARCHAR2(500) := NULL;
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('Illustration of For Loop...!');
7  FOR MyIndex IN V_StartRange..V_EndRange
8  LOOP
9  V_Result := V_Result||' *';
10 V_StartRange := V_StartRange + 1;
11 DBMS_OUTPUT.PUT_LINE(V_Result);
12 END LOOP;
13* END;
```

SQL> /

Enter value for startrange: 1

Enter value for endrange: 5

Illustration of For Loop...!

*

* *

* * *

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* * * *
* * * * *

PL/SQL procedure successfully completed.

SQL> cl scr

SQL> DECLARE

```
2 V_NumFact NUMBER := &GiveNumber;
3 V_Factorial NUMBER := 1;
4 BEGIN
5   FOR IndexI IN 1..V_NumFact
6   LOOP
7     V_Factorial := V_Factorial * IndexI;
8   END LOOP;
9   DBMS_OUTPUT.PUT_LINE('The Factorial of '||V_NumFact||' is :
'||V_Factorial);
10 END;
11 /
```

Enter value for givenumber: 5

The Factorial of 5 is : 120

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1 DECLARE
2 V_NumFact NUMBER := &GiveNumber;
3 V_Factorial NUMBER := 1;
4 BEGIN
5   FOR IndexI IN 1..V_NumFact
6   LOOP
7     V_Factorial := V_Factorial * IndexI;
8     DBMS_OUTPUT.PUT_LINE('The Index Value is : '||IndexI);
9   END LOOP;
10  DBMS_OUTPUT.PUT_LINE('The Factorial of '||V_NumFact||' is :
'||V_Factorial);
11* END;
```

SQL> /

Enter value for givenumber: 5

The Index Value is : 1

The Index Value is : 2

The Index Value is : 3

The Index Value is : 4

The Index Value is : 5

The Factorial of 5 is : 120

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PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  V_NumFact NUMBER := &GiveNumber;
  3  V_Factorial NUMBER := 1;
  4  BEGIN
  5    FOR IndexI IN REVERSE 1..V_NumFact
  6    LOOP
  7      V_Factorial := V_Factorial * IndexI;
  8      DBMS_OUTPUT.PUT_LINE(' The IndexI Number is '||IndexI);
  9    END LOOP;
 10  DBMS_OUTPUT.PUT_LINE(' The Factorial of '||V_NumFact|| ' is :
 11  '||V_Factorial);
 12  END;
 12  /
```

Enter value for givenumber: 5

The IndexI Number is 5

The IndexI Number is 4

The IndexI Number is 3

The IndexI Number is 2

The IndexI Number is 1

The Factorial of 5 is : 120

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  V_Name VARCHAR2(30);
  3  V_Position VARCHAR2(100) := NULL;
  4  BEGIN
  5  V_Name := '&EnterYourName';
  6  FOR I IN 1..LENGTH(V_Name)
  7  LOOP
  8  V_Position := V_Position||' '||SUBSTR(V_Name, I, 1);
  9  END LOOP;
 10  DBMS_OUTPUT.PUT_LINE(V_Position);
 11  END;
 12  /
```

Enter value for enteryourname: SAMPLE

S A M P L E

PL/SQL procedure successfully completed.

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```
SQL> cl scr

SQL> DECLARE
  2  V_OuterLoopRange NUMBER := 5;
  3  V_InnerLoopRange NUMBER := 3;
  4  BEGIN
  5  <<OuterLoop>>
  6  FOR MyIndex IN 1..V_OuterLoopRange
  7  LOOP
  8  DBMS_OUTPUT.PUT_LINE('When Outer Loop Index Value = '||MyIndex);
  9  <<InnerLoop>>
 10  FOR MyIndex2 IN 1..V_InnerLoopRange
 11  LOOP
 12  DBMS_OUTPUT.PUT_LINE('Outer Loop Index Value = '||
  'OUTERLOOP.MyIndex||' , '||'Inner Loop Index Value = '||MyIndex2);
 13  END LOOP InnerLoop;
 14  END LOOP OuterLoop;
 15  END;
 16  /

When Outer Loop Index Value = 1
Outer Loop Index Value = 1 , Inner Loop Index Value = 1
Outer Loop Index Value = 1 , Inner Loop Index Value = 2
Outer Loop Index Value = 1 , Inner Loop Index Value = 3
When Outer Loop Index Value = 2
Outer Loop Index Value = 2 , Inner Loop Index Value = 1
Outer Loop Index Value = 2 , Inner Loop Index Value = 2
Outer Loop Index Value = 2 , Inner Loop Index Value = 3
When Outer Loop Index Value = 3
Outer Loop Index Value = 3 , Inner Loop Index Value = 1
Outer Loop Index Value = 3 , Inner Loop Index Value = 2
Outer Loop Index Value = 3 , Inner Loop Index Value = 3
When Outer Loop Index Value = 4
Outer Loop Index Value = 4 , Inner Loop Index Value = 1
Outer Loop Index Value = 4 , Inner Loop Index Value = 2
Outer Loop Index Value = 4 , Inner Loop Index Value = 3
When Outer Loop Index Value = 5
Outer Loop Index Value = 5 , Inner Loop Index Value = 1
Outer Loop Index Value = 5 , Inner Loop Index Value = 2
Outer Loop Index Value = 5 , Inner Loop Index Value = 3

PL/SQL procedure successfully completed.

SQL> ED
Wrote file afiedt.buf

  1  DECLARE
  2  V_OuterLoopRange NUMBER := 5;
```

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```
3  V_InnerLoopRange NUMBER := 3;
4  BEGIN
5  <<OuterLoop>>
6  FOR MyIndex IN 1..V_OuterLoopRange
7  LOOP
8  DBMS_OUTPUT.PUT_LINE('When Outer Loop Index Value = '||MyIndex);
9  <<InnerLoop>>
10  FOR MyIndex2 IN 1..MyIndex
11  LOOP
12  DBMS_OUTPUT.PUT_LINE('Outer Loop Index Value =
'||OUTERLOOP.MyIndex||' , '||'Inner Loop Index Value = '||MyIndex2);
13  END LOOP InnerLoop;
14  END LOOP OuterLoop;
15* END;
SQL> /
```

```
When Outer Loop Index Value = 1
Outer Loop Index Value = 1 , Inner Loop Index Value = 1
When Outer Loop Index Value = 2
Outer Loop Index Value = 2 , Inner Loop Index Value = 1
Outer Loop Index Value = 2 , Inner Loop Index Value = 2
When Outer Loop Index Value = 3
Outer Loop Index Value = 3 , Inner Loop Index Value = 1
Outer Loop Index Value = 3 , Inner Loop Index Value = 2
Outer Loop Index Value = 3 , Inner Loop Index Value = 3
When Outer Loop Index Value = 4
Outer Loop Index Value = 4 , Inner Loop Index Value = 1
Outer Loop Index Value = 4 , Inner Loop Index Value = 2
Outer Loop Index Value = 4 , Inner Loop Index Value = 3
Outer Loop Index Value = 4 , Inner Loop Index Value = 4
When Outer Loop Index Value = 5
Outer Loop Index Value = 5 , Inner Loop Index Value = 1
Outer Loop Index Value = 5 , Inner Loop Index Value = 2
Outer Loop Index Value = 5 , Inner Loop Index Value = 3
Outer Loop Index Value = 5 , Inner Loop Index Value = 4
Outer Loop Index Value = 5 , Inner Loop Index Value = 5
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_OuterLoopRange NUMBER := 5;
3  V_InnerLoopRange NUMBER := 3;
4  BEGIN
5  <<OuterLoop>>
6  FOR MyIndex IN 1..V_OuterLoopRange
```

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```
7 LOOP
8 DBMS_OUTPUT.PUT_LINE('When Outer Loop Index Value = '||MyIndex);
9 <<InnerLoop>>
10 FOR MyIndex IN 1..MyIndex
11 LOOP
12 DBMS_OUTPUT.PUT_LINE('Outer Loop Index Value =
'||OUTERLOOP.MyIndex||' , '||'Inner Loop Index Value = '||MyIndex);
13 END LOOP InnerLoop;
14 END LOOP OuterLoop;
15* END;
SQL> /
FOR MyIndex IN 1..MyIndex
*
```

ERROR at line 10:
ORA-06550: line 10, column 20:
PLS-00364: loop index variable 'MYINDEX' use is invalid
ORA-06550: line 7, column 1:
PL/SQL: Statement ignored

SQL> ED
Wrote file afiedt.buf

```
1 DECLARE
2 V_OuterLoopRange NUMBER := 5;
3 V_InnerLoopRange NUMBER := 3;
4 BEGIN
5 <<OuterLoop>>
6 FOR MyIndex IN 1..V_OuterLoopRange
7 LOOP
8 DBMS_OUTPUT.PUT_LINE('When Outer Loop Index Value = '||MyIndex);
9 <<InnerLoop>>
10 FOR MyIndex IN 1..OuterLoop.MyIndex
11 LOOP
12 DBMS_OUTPUT.PUT_LINE('Outer Loop Index Value =
'||OUTERLOOP.MyIndex||' , '||'Inner Loop Index Value = '||MyIndex);
13 END LOOP InnerLoop;
14 END LOOP OuterLoop;
15* END;
SQL> /
When Outer Loop Index Value = 1
Outer Loop Index Value = 1 , Inner Loop Index Value = 1
When Outer Loop Index Value = 2
Outer Loop Index Value = 2 , Inner Loop Index Value = 1
Outer Loop Index Value = 2 , Inner Loop Index Value = 2
When Outer Loop Index Value = 3
Outer Loop Index Value = 3 , Inner Loop Index Value = 1
```

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```
Outer Loop Index Value = 3 , Inner Loop Index Value = 2
Outer Loop Index Value = 3 , Inner Loop Index Value = 3
When Outer Loop Index Value = 4
Outer Loop Index Value = 4 , Inner Loop Index Value = 1
Outer Loop Index Value = 4 , Inner Loop Index Value = 2
Outer Loop Index Value = 4 , Inner Loop Index Value = 3
Outer Loop Index Value = 4 , Inner Loop Index Value = 4
When Outer Loop Index Value = 5
Outer Loop Index Value = 5 , Inner Loop Index Value = 1
Outer Loop Index Value = 5 , Inner Loop Index Value = 2
Outer Loop Index Value = 5 , Inner Loop Index Value = 3
Outer Loop Index Value = 5 , Inner Loop Index Value = 4
Outer Loop Index Value = 5 , Inner Loop Index Value = 5
```

PL/SQL procedure successfully completed.

SQL> SPOOL OFF

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

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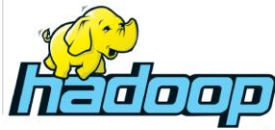
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Sathish Yellanki

Upcoming Batches

ORACLE



Technology	Date	Time
Linux	30th July 2018	10am-11am
Oracle 11g	09th Aug 2018	7pm-8:30pm
Big Data	20th Aug 2018	7am-8am



For Registration  9985798869
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