



Sathish Yellanki



NEW BATCH FOR **LINUX OS** {Shell Scripting}

HIGHLIGHTS OF THE COURSE



Linux Commands.
Shell Scripting.
AWK Command.
GREP Command.
SED Command.
SQL Integration.

Batch Starts on 30th July 2018



Time: 10am-11am

For Registration Contact on 040-23710047, 9985798869  9985798869

Oracle By Sathish

SkyEss Techno Solutions Pvt. Ltd.

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

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SQL> cl scr

SQL> DECLARE

```
2 V_Boolean VARCHAR2(5) := 'SAMPLE';
3 V_Boolean BOOLEAN;
4 BEGIN
5 V_Boolean := FALSE;
6 DBMS_OUTPUT.PUT_LINE('The Value is : '||V_Boolean);
7 END;
8 /
```

V_Boolean := FALSE;

*

ERROR at line 5:

ORA-06550: line 5, column 1:

PLS-00371: at most one declaration for 'V_BOOLEAN' is permitted

ORA-06550: line 5, column 1:

PL/SQL: Statement ignored

ORA-06550: line 6, column 41:

PLS-00371: at most one declaration for 'V_BOOLEAN' is permitted

ORA-06550: line 6, column 1:

PL/SQL: Statement ignored

SQL> DECLARE

```
2 V_Boolean VARCHAR2(5) := 'SAMPLE';
3 BEGIN
4 DECLARE
5 V_Boolean BOOLEAN;
6 BEGIN
7 V_Boolean := FALSE;
8 END;
9 DBMS_OUTPUT.PUT_LINE('The Value is : '||V_Boolean);
10 END;
11 /
```

DECLARE

*

ERROR at line 1:

ORA-06502: PL/SQL: numeric or value error: character string buffer too small

ORA-06512: at line 2

SQL> ED

Wrote file afiedt.buf

```
1 DECLARE
```

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```
2 V_Boolean VARCHAR2(6) := 'SAMPLE';
3 BEGIN
4   DECLARE
5     V_Boolean BOOLEAN;
6     BEGIN
7       V_Boolean := FALSE;
8     END;
9   DBMS_OUTPUT.PUT_LINE('The Value is : '||V_Boolean);
10* END;
SQL> /
The Value is : SAMPLE
```

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
2   Empno NUMBER(4);
3   Ename VARCHAR2(15);
4   Sal NUMBER(7, 2);
5   Job VARCHAR2(15);
6   BEGIN
7     SELECT Empno, Ename, Sal, Job INTO Empno, Ename, Sal, Job
8     FROM Emp
9     WHERE Empno = &Gempno;
10    DBMS_OUTPUT.PUT_LINE('The Employee Number is : '||Empno);
11    DBMS_OUTPUT.PUT_LINE('The Employee Name is : '||Ename);
12    DBMS_OUTPUT.PUT_LINE('The Employee Salary is : '||Sal);
13    DBMS_OUTPUT.PUT_LINE('The Employee Job is : '||Job);
14  END;
15  /
Enter value for gempno: 7654
The Employee Number is : 7654
The Employee Name is : MARTIN
The Employee Salary is : 1250
The Employee Job is : SALESMAN
```

PL/SQL procedure successfully completed.

```
SQL> DECLARE
2   Empno NUMBER(4) := &Gempno;
3   Ename VARCHAR2(15);
4   Sal NUMBER(7, 2);
5   Job VARCHAR2(15);
6   BEGIN
7     SELECT Empno, Ename, Sal, Job INTO Empno, Ename, Sal, Job
8     FROM Emp
```

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```
9 WHERE Empno = Empno;
10 DBMS_OUTPUT.PUT_LINE('The Employee Number is : '||Empno);
11 DBMS_OUTPUT.PUT_LINE('The Employee Name is : '||Ename);
12 DBMS_OUTPUT.PUT_LINE('The Employee Salary is : '||Sal);
13 DBMS_OUTPUT.PUT_LINE('The Employee Job is : '||Job);
14 END;
15 /
Enter value for gempno: 7654
DECLARE
*
ERROR at line 1:
ORA-01422: exact fetch returns more than requested number of rows
ORA-06512: at line 7
```

```
SQL> DECLARE
2 V_Empno NUMBER(4) := &GEmpno;
3 V_Ename VARCHAR2(15);
4 V_Sal NUMBER(7, 2);
5 V_Job VARCHAR2(15);
6 BEGIN
7 SELECT Empno, Ename, Sal, Job INTO V_Empno, V_Ename, V_Sal, V_Job
8 FROM Emp
9 WHERE Empno = V_Empno;
10 DBMS_OUTPUT.PUT_LINE('The Employee Number is : '||V_Empno);
11 DBMS_OUTPUT.PUT_LINE('The Employee Name is : '||V_Ename);
12 DBMS_OUTPUT.PUT_LINE('The Employee Salary is : '||V_Sal);
13 DBMS_OUTPUT.PUT_LINE('The Employee Job is : '||V_Job);
14 END;
15 /
Enter value for gempno: 7654
The Employee Number is : 7654
The Employee Name is : MARTIN
The Employee Salary is : 1250
The Employee Job is : SALESMAN
```

PL/SQL procedure successfully completed.

```
SQL> cl scr
```

```
SQL> <<EmpSearch>>
2 DECLARE
3 Empno NUMBER(4) := &GEmpno;
4 Ename VARCHAR2(15);
5 Sal NUMBER(7, 2);
6 Job VARCHAR2(15);
7 BEGIN
```

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Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
8  SELECT
9  Empno, Ename, Sal, Job
10 INTO
11 EmpSearch.Empno, EmpSearch.Ename, EmpSearch.Sal, EmpSearch.Job
12 FROM Emp
13 WHERE Empno = EmpSearch.Empno;
14 DBMS_OUTPUT.PUT_LINE('The Employee Number is : '||EmpSearch.Empno);
15 DBMS_OUTPUT.PUT_LINE('The Employee Name is : '||EmpSearch.Ename);
16 DBMS_OUTPUT.PUT_LINE('The Employee Salary is : '||EmpSearch.Sal);
17 DBMS_OUTPUT.PUT_LINE('The Employee Job is : '||EmpSearch.Job);
18 END EmpSearch;
19 /
```

Enter value for gempno: 7654
The Employee Number is : 7654
The Employee Name is : MARTIN
The Employee Salary is : 1250
The Employee Job is : SALESMAN

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
2  V_Num1 NUMBER(2) := &GNum1;
3  BEGIN
4  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5  DECLARE
6  V_Num2 NUMBER(2) := &GNum2;
7  Result NUMBER(4);
8  BEGIN
9  DBMS_OUTPUT.PUT_LINE('The V_Num2 is : '||V_Num2);
10 Result := V_Num1 + V_Num2;
11 END;
12 DBMS_OUTPUT.PUT_LINE('The Sum of '||V_Num1||' and '||V_Num2||' is :
'||Result);
13 END;
14 /
```

Enter value for gnum1: 45
Enter value for gnum2: 35
DBMS_OUTPUT.PUT_LINE('The Sum of '||V_Num1||' and '||V_Num2||' is :
'||Result);

*

ERROR at line 12:
ORA-06550: line 12, column 54:
PLS-00201: identifier 'V_NUM2' must be declared
ORA-06550: line 12, column 1:
PL/SQL: Statement ignored

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SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_Num1 NUMBER(2) := &GNum1;
3  Num2Temp NUMBER(2);
4  ResultTemp NUMBER(4);
5  BEGIN
6  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
7  DECLARE
8  V_Num2 NUMBER(2) := &GNum2;
9  Result NUMBER(4);
10 BEGIN
11 DBMS_OUTPUT.PUT_LINE('The V_Num2 is : '||V_Num2);
12 Result := V_Num1 + V_Num2;
13 Num2Temp := V_Num2;
14 ResultTemp := Result;
15 END;
16 DBMS_OUTPUT.PUT_LINE('The Sum of '||V_Num1||' and '||Num2Temp||' is
: '||ResultTemp);
17* END;
SQL> /
Enter value for gnum1: 45
Enter value for gnum2: 35
The V_Num1 is : 45
The V_Num2 is : 35
The Sum of 45 and 35 is : 80
```

PL/SQL procedure successfully completed.

```
SQL> VARIABLE BNum2 NUMBER
SQL> VARIABLE BResult NUMBER
SQL> DECLARE
2  V_Num1 NUMBER(2) := &GNum1;
3  BEGIN
4  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5  DECLARE
6  V_Num2 NUMBER(2) := &GNum2;
7  Result NUMBER(4);
8  BEGIN
9  DBMS_OUTPUT.PUT_LINE('The V_Num2 is : '||V_Num2);
10 Result := V_Num1 + V_Num2;
11 :BNum2 := V_Num2;
12 :BResult := Result;
13 END;
```

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```
14 DBMS_OUTPUT.PUT_LINE('The Sum of '||V_Num1||' and '||:BNum2||' is :  
'||:BResult);  
15 END;  
16 /
```

```
Enter value for gnum1: 45  
Enter value for gnum2: 36  
The V_Num1 is : 45  
The V_Num2 is : 36  
The Sum of 45 and 36 is : 81
```

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> VARIABLE BEmpno NUMBER  
SQL> DECLARE  
2 V_Empno NUMBER(4) := &GEmpno;  
3 BEGIN  
4 DBMS_OUTPUT.PUT_LINE('Given Employee Number For Search is :  
'||V_Empno);  
5 :BEmpno := V_Empno;  
6 DBMS_OUTPUT.PUT_LINE('Data Input Module is Closing');  
7 END;  
8 /
```

```
Enter value for gempno: 7654  
Given Employee Number For Search is : 7654  
Data Input Module is Closing
```

PL/SQL procedure successfully completed.

```
SQL> VARIABLE BName VARCHAR2(15)  
SQL> VARIABLE BJob VARCHAR2(15)  
SQL> VARIABLE BSal NUMBER  
SQL> VARIABLE BComm NUMBER  
SQL>  
SQL> DECLARE  
2 V_Empno NUMBER(4) := :BEmpno;  
3 V_Ename VARCHAR2(15);  
4 V_Job VARCHAR2(15);  
5 V_Sal NUMBER(8, 2);  
6 V_Comm NUMBER(8, 2);  
7 BEGIN  
8 DBMS_OUTPUT.PUT_LINE('Initiating The Data Search For Employee :  
'||V_Empno);  
9 SELECT  
10 Ename, Job, Sal, Comm INTO V_Ename, V_Job, V_Sal, V_Comm  
11 FROM Emp
```

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```
12 WHERE Empno = V_Empno;
13 DBMS_OUTPUT.PUT_LINE('Employee Search For Employee Number :
'||V_Empno||' Completed');
14 :BName := V_Ename;
15 :BJob := V_Job;
16 :BSal := V_Sal;
17 :BComm := V_Comm;
18 DBMS_OUTPUT.PUT_LINE('Data Search For Employee : '||V_Empno||' is
Completed');
19 END;
20 /
```

Initiating The Data Search For Employee : 7654
Employee Search For Employee Number : 7654 Completed
Data Search For Employee : 7654 is Completed

PL/SQL procedure successfully completed.

```
SQL> BEGIN
2 DBMS_OUTPUT.PUT_LINE('The Details of Employee '||:BEmpno||' Are ');
3 DBMS_OUTPUT.PUT_LINE('The Employee Name : '||:BName);
4 DBMS_OUTPUT.PUT_LINE('The Employee Job : '||:BJob);
5 DBMS_OUTPUT.PUT_LINE('The Employee Salary : '||:BSal);
6 DBMS_OUTPUT.PUT_LINE('The Employee Commission : '||:BComm);
7 DBMS_OUTPUT.PUT_LINE('The Employee Gross Salary : '||(:BSal +
NVL(:BComm, 0)));
8 END;
9 /
```

The Details of Employee 7654 Are
The Employee Name : MARTIN
The Employee Job : SALESMAN
The Employee Salary : 1250
The Employee Commission : 1400
The Employee Gross Salary : 2650

PL/SQL procedure successfully completed.

SQL> SPOOL OFF

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