

<http://yellankisathish.com/>

SQL> cl scr

```
SQL> CREATE TABLE MyAudit
2  (
3    UserName VARCHAR2(15),
4    ModDate DATE,
5    Message VARCHAR2(100)
6  )
7  /
```

Table created.

```
SQL> CREATE TABLE TrappedMessages
2  (
3    ErrorNum NUMBER(6),
4    ErrorMsg VARCHAR2(250),
5    TrapDate DATE
6  )
7  /
```

Table created.

SQL> cl scr

```
SQL> DECLARE
2  V_Deptno Dept.Deptno%TYPE := &GDeptno;
3  V_Dname Dept.Dname%TYPE;
4  V_Loc Dept.Loc%TYPE;
5  BEGIN
6  SELECT Dname, Loc INTO V_Dname, V_Loc
7  FROM Dept
8  WHERE Deptno = V_Deptno;
9  DBMS_OUTPUT.PUT_LINE('The Department Details Are : '||V_Dname||',
' ||V_Loc);
10 EXCEPTION
11 WHEN NO_DATA_FOUND THEN
12 DBMS_OUTPUT.PUT_LINE('Sorry! Requested Department Number Not
Found');
13 DBMS_OUTPUT.PUT_LINE('Server Code : '||SQLCODE);
14 DBMS_OUTPUT.PUT_LINE('Server Message : '||SQLERRM);
15 END;
16 /
```

Enter value for gdeptno: 40

The Department Details Are : OPERATIONS, BOSTON

PL/SQL procedure successfully completed.

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

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

```
SQL> /
Enter value for gdeptno: 60
Sorry! Requested Department Number Not Found
Server Code : 100
Server Message : ORA-01403: no data found
```

PL/SQL procedure successfully completed.

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

```
1  DECLARE
2  V_Deptno Dept.Deptno%TYPE := &GDeptno;
3  V_Dname Dept.Dname%TYPE;
4  V_Loc Dept.Loc%TYPE;
5  BEGIN
6  SELECT Dname, Loc INTO V_Dname, V_Loc
7  FROM Dept
8  WHERE Deptno = V_Deptno;
9  DBMS_OUTPUT.PUT_LINE('The Department Details Are : '||V_Dname||',
'||V_Loc);
10 IF SQLCODE = 0 THEN
11 DBMS_OUTPUT.PUT_LINE('Block Didnot Encountered Any Exception');
12 DBMS_OUTPUT.PUT_LINE('Block is Terminating Successfully');
13 END IF;
14 EXCEPTION
15 WHEN NO_DATA_FOUND THEN
16 DBMS_OUTPUT.PUT_LINE('Sorry! Requested Department Number Not
Found');
17 DBMS_OUTPUT.PUT_LINE('Server Code : '||SQLCODE);
18 DBMS_OUTPUT.PUT_LINE('Server Message : '||SQLERRM);
19* END;
```

```
SQL> /
Enter value for gdeptno: 40
The Department Details Are : OPERATIONS, BOSTON
Block Didnot Encountered Any Exception
Block is Terminating Successfully
```

PL/SQL procedure successfully completed.

```
SQL> /
Enter value for gdeptno: 70
Sorry! Requested Department Number Not Found
Server Code : 100
Server Message : ORA-01403: no data found
```

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

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

PL/SQL procedure successfully completed.

SQL> cl scr

SQL> ROLLBACK;

Rollback complete.

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  UPDATE Dept
2  SET Dname = V_DeptName,
3      Loc = V_DeptLoc
4* WHERE Deptno = &V_DeptNo
SQL> /
```

Enter value for v_deptno: 70

Loc = V_DeptLoc

*

ERROR at line 3:

ORA-00904: "V_DEPTLOC": invalid identifier

SQL> ED

Wrote file afiedt.buf

```
1  UPDATE Dept
2  SET Dname = '&DeptName',
3      Loc = '&DeptLoc'
4* WHERE Deptno = &DeptNo
SQL> /
```

Enter value for deptname: SHIPPING

Enter value for deptloc: CHENNAI

Enter value for deptno: 70

0 rows updated.

SQL> /

Enter value for deptname: SHIPPING

Enter value for deptloc: CHENNAI

Enter value for deptno: 40

1 row updated.

SQL> ROLLBACK;

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Rollback complete.

SQL> cl scr

```
SQL> DECLARE
  2  V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
  3  V_DeptName Dept.Dname%TYPE := '&DeptName';
  4  V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
  5  BEGIN
  6  UPDATE Dept
  7  SET Dname = V_DeptName,
  8      Loc = V_DeptLoc
  9  WHERE Deptno = V_DeptNo;
 10  END;
 11  /
```

Enter value for deptnumber: 40

Enter value for deptname: SHIPPING

Enter value for deptlocation: CHENNAI

PL/SQL procedure successfully completed.

SQL> /

Enter value for deptnumber: 70

Enter value for deptname: CARGO

Enter value for deptlocation: MUMBAI

PL/SQL procedure successfully completed.

SQL> ROLLBACK;

Rollback complete.

SQL> cl scr

```
SQL> DECLARE
  2  V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
  3  V_DeptName Dept.Dname%TYPE := '&DeptName';
  4  V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
  5  BEGIN
  6  UPDATE Dept
  7  SET Dname = V_DeptName,
  8      Loc = V_DeptLoc
  9  WHERE Deptno = V_DeptNo;
 10  IF SQL%FOUND THEN
 11  DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
```

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
12 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
13 ELSE
14 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
15 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejected');
16 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
17 END IF;
18 END;
19 /
```

Enter value for deptnumber: 40

Enter value for deptname: SHIPPING

Enter value for deptlocation: CHENNAI

1 Row(s) Updated

SCOTT Your Request For Update of Department 40 is Done Successfully

PL/SQL procedure successfully completed.

SQL> /

Enter value for deptnumber: 70

Enter value for deptname: CARGO

Enter value for deptlocation: MUMBAI

0 Row(s) Updated

SCOTT Your Request For Update of Department 70 Was Rejected

Possible Reason Could Be Non Availability of Data

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1 DECLARE
2 V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
3 V_DeptName Dept.Dname%TYPE := '&DeptName';
4 V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
5 BEGIN
6 UPDATE Dept
7 SET Dname = V_DeptName,
8     Loc = V_DeptLoc
9 WHERE Deptno = V_DeptNo;
10 IF SQL%FOUND THEN
11 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
12 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
13 ELSE
14 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
```

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

```
15 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejected');
16 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
17 END IF;
18 DBMS_OUTPUT.PUT_LINE('Block is Continuing After The Condition');
19 SELECT Dname, Loc INTO V_Dname, V_Loc
20 FROM Dept
21 WHERE Deptno = V_Deptno;
22 DBMS_OUTPUT.PUT_LINE('The Department Date is : '||V_Dname||',
'||V_Loc);
23* END;
SQL> /
```

```
Enter value for deptnumber: 40
Enter value for deptname: CARGO
Enter value for deptlocation: MUMBAI
SELECT Dname, Loc INTO V_Dname, V_Loc
*
```

```
ERROR at line 19:
ORA-06550: line 19, column 24:
PLS-00201: identifier 'V_DNAME' must be declared
ORA-06550: line 19, column 39:
PL/SQL: ORA-00904: : invalid identifier
ORA-06550: line 19, column 1:
PL/SQL: SQL Statement ignored
ORA-06550: line 22, column 51:
PLS-00201: identifier 'V_DNAME' must be declared
ORA-06550: line 22, column 1:
PL/SQL: Statement ignored
```

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

```
1 DECLARE
2 V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
3 V_DeptName Dept.Dname%TYPE := '&DeptName';
4 V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
5 BEGIN
6 UPDATE Dept
7 SET Dname = V_DeptName,
8     Loc = V_DeptLoc
9 WHERE Deptno = V_DeptNo;
10 IF SQL%FOUND THEN
11 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
12 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
```

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

```
13 ELSE
14 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
15 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejected');
16 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
17 END IF;
18 DBMS_OUTPUT.PUT_LINE('Block is Continuing After The Condition');
19 SELECT Dname, Loc INTO V_DeptName , V_DeptLoc
20 FROM Dept
21 WHERE Deptno = V_Deptno;
22 DBMS_OUTPUT.PUT_LINE('The Department Data is : '||V_DeptName ||',
'||V_DeptLoc);
23* END;
SQL> /
```

```
Enter value for deptnumber: 40
Enter value for deptname: CARGO
Enter value for deptlocation: DELHI
1 Row(s) Updated
SCOTT Your Request For Update of Department 40 is Done Successfully
Block is Continuing After The Condition
The Department Data is : CARGO, DELHI
```

PL/SQL procedure successfully completed.

```
SQL> /
Enter value for deptnumber: 70
Enter value for deptname: COURIER
Enter value for deptlocation: KOLKATA
0 Row(s) Updated
SCOTT Your Request For Update of Department 70 Was Rejected
Possible Reason Could Be Non Availability of Data
Block is Continuing After The Condition
DECLARE
*
ERROR at line 1:
ORA-01403: no data found
ORA-06512: at line 19
```

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

```
1 DECLARE
2 V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
3 V_DeptName Dept.Dname%TYPE := '&DeptName';
4 V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
```

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>


```
5  E_DeptNotFound EXCEPTION;
6  BEGIN
7  UPDATE Dept
8  SET Dname = V_DeptName,
9      Loc = V_DeptLoc
10 WHERE Deptno = V_DeptNo;
11 IF SQL%FOUND THEN
12 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
13 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
14 ELSE
15 RAISE E_DeptNotFound;
16 END IF;
17 DBMS_OUTPUT.PUT_LINE('Block is Continuing After The Condition');
18 SELECT Dname, Loc INTO V_DeptName , V_DeptLoc
19 FROM Dept
20 WHERE Deptno = V_Deptno;
21 DBMS_OUTPUT.PUT_LINE('The Department Date is : '||V_DeptName ||',
'||V_DeptLoc);
22 EXCEPTION
23 WHEN E_DeptNotFound THEN
24 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
25 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejeted');
26 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
27* END;
```

SQL> /

Enter value for deptnumber: 40

Enter value for deptname: SHIPPING

Enter value for deptlocation: CHENNAI

1 Row(s) Updated

SCOTT Your Request For Update of Department 40 is Done Successfully

Block is Continuing After The Condition

The Department Date is : SHIPPING, CHENNAI

PL/SQL procedure successfully completed.

SQL> /

Enter value for deptnumber: 70

Enter value for deptname: COURIER

Enter value for deptlocation: DELHI

0 Row(s) Updated

SCOTT Your Request For Update of Department 70 Was Rejeted

Possible Reason Could Be Non Availability of Data

PL/SQL procedure successfully completed.

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
3  V_DeptName Dept.Dname%TYPE := '&DeptName';
4  V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
5  E_DeptNotFound EXCEPTION;
6  BEGIN
7  UPDATE Dept
8  SET Dname = V_DeptName,
9      Loc = V_DeptLoc
10 WHERE Deptno = V_DeptNo;
11 IF SQL%FOUND THEN
12 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
13 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
14 ELSE
15 RAISE E_DeptNotFound;
16 END IF;
17 DBMS_OUTPUT.PUT_LINE('Block is Continuing After The Condition');
18 SELECT Dname, Loc INTO V_DeptName , V_DeptLoc
19 FROM Dept
20 WHERE Deptno = V_Deptno;
21 DBMS_OUTPUT.PUT_LINE('The Department Date is : '||V_DeptName ||',
'||V_DeptLoc);
22 EXCEPTION
23 WHEN E_DeptNotFound THEN
24 IF SQLCODE = 1 THEN
25 DBMS_OUTPUT.PUT_LINE('The Server Code is : '||SQLCODE);
26 DBMS_OUTPUT.PUT_LINE('The Server Message is : '||SQLCODE);
27 END IF;
28 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
29 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejected');
30 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
31* END;
```

SQL> /

Enter value for deptnumber: 70

Enter value for deptname: CARGO

Enter value for deptlocation: DELHI

The Server Code is : 1

The Server Message is : 1

0 Row(s) Updated

SCOTT Your Request For Update of Department 70 Was Rejected

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Possible Reason Could Be Non Availability of Data

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_DeptNo Dept.Deptno%TYPE := &DeptNumber;
3  V_DeptName Dept.Dname%TYPE := '&DeptName';
4  V_DeptLoc Dept.Loc%TYPE := '&DeptLocation';
5  E_DeptNotFound EXCEPTION;
6  BEGIN
7  UPDATE Dept
8  SET Dname = V_DeptName,
9      Loc = V_DeptLoc
10 WHERE Deptno = V_DeptNo;
11 IF SQL%FOUND THEN
12 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
13 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' is Done Successfully');
14 ELSE
15 RAISE E_DeptNotFound;
16 END IF;
17 DBMS_OUTPUT.PUT_LINE('Block is Continuing After The Condition');
18 SELECT Dname, Loc INTO V_DeptName , V_DeptLoc
19 FROM Dept
20 WHERE Deptno = V_Deptno;
21 DBMS_OUTPUT.PUT_LINE('The Department Date is : '||V_DeptName ||',
'||V_DeptLoc);
22 EXCEPTION
23 WHEN E_DeptNotFound THEN
24 IF SQLCODE = 1 THEN
25 DBMS_OUTPUT.PUT_LINE('The Server Code is : '||SQLCODE);
26 DBMS_OUTPUT.PUT_LINE('The Server Message is : '||SQLERRM);
27 END IF;
28 DBMS_OUTPUT.PUT_LINE(SQL%ROWCOUNT||' Row(s) Updated');
29 DBMS_OUTPUT.PUT_LINE(USER||' Your Request For Update of Department
'||V_Deptno||' Was Rejected');
30 DBMS_OUTPUT.PUT_LINE('Possible Reason Could Be Non Availability of
Data');
31* END;
SQL> /
Enter value for deptnumber: 70
Enter value for deptname: CARGO
Enter value for deptlocation: DELHI
The Server Code is : 1
```

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

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

The Server Message is : User-Defined Exception
0 Row(s) Updated
SCOTT Your Request For Update of Department 70 Was Rejected
Possible Reason Could Be Non Availability of Data

PL/SQL procedure successfully completed.

SQL> SPOOL OFF

Oracle By Sathish Yellanki (SkyEss)

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**

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

<http://yellankisathish.com/>