

SQL> desc prod_details;

Name	Null?	Type
ITEM_CODE	NOT NULL	NUMBER(4)
ITEM_NAME	NOT NULL	VARCHAR2(30)
MIN_QTY		NUMBER(4)
REORDER_QTY		NUMBER(4)
QTY_IN_HAND		NUMBER(4)

SQL> desc inv_trans;

Name	Null?	Type
TRANS_DATE	NOT NULL	DATE
ITEM_CODE	NOT NULL	NUMBER(4)
TRANS_MODE		CHAR(1)
TRANS_QTY		NUMBER(4)

SQL> set serveroutput on;

SQL> start D:\plsqltest\reorder_trig.txt;

Trigger created.

SQL> select *from prod_details;

ITEM_CODE	ITEM_NAME	MIN_QTY	REORDER_QTY	QTY_IN_HAND
1111	CD-ROM	50	20	80
2222	DVD	30	10	70

SQL> select *from inv_trans;

TRANS_DAT	ITEM_CODE	T	TRANS_QTY
11-OCT-24	1111	p	50
11-OCT-24	2222	p	50

SQL> start D:\plsqltest\PLSQL_Trans.txt;

Enter value for item_code: 2222

old 7: ic := &item_code;

new 7: ic := 2222;

Enter value for transaction_mode: s

old 8: tm := '&transaction_mode';

new 8: tm := 's';

Enter value for transaction_quantity: 20

old 9: tq := &transaction_quantity;

new 9: tq := 20;

Item Code : 2222

Transaction Mode : S

Transaction Quantity : 20

Quantity In Hand : 50

PL/SQL procedure successfully completed.

SQL> select *from prod_details;

ITEM_CODE	ITEM_NAME	MIN_QTY	REORDER_QTY	QTY_IN_HAND
1111	CD-ROM	50	20	80
2222	DVD	30	10	50

SQL> select *from inv_trans;

TRANS_DAT	ITEM_CODE	T	TRANS_QTY
11-OCT-24	1111	p	50
11-OCT-24	2222	p	50
14-OCT-24	2222	s	20

SQL> desc stduent;

ERROR:

ORA-04043: object stduent does not exist

SQL> desc student;

Name	Null?	Type
REGNO	NOT NULL	NUMBER(11)
NAME		VARCHAR2(10)
DEPT		VARCHAR2(3)
M1		NUMBER(3)
M2		NUMBER(3)
M3		NUMBER(3)
M4		NUMBER(3)
M5		NUMBER(3)
TOTAL		NUMBER(3)
AVERAGE		NUMBER(6,2)
RESULT		VARCHAR2(4)
GRADE		CHAR(1)

SQL> alter table student modify regno number(4);

alter table student modify regno number(4)

*

ERROR at line 1:

ORA-01440: column to be modified must be empty to decrease precision or scale

SQL> select *from student;

REGNO	NAME	DEP	M1	M2	M3	M4	M5
-------	------	-----	----	----	----	----	----

TOTAL	AVERAGE	RESU	G					
1111	Shanthi	CS	90	91	92	94	95	
462	92.4	Pass	S					
2222	Ramya	IT	98	96	98	96	93	
481	96.2	Pass	S					
3333	Ragavan	IT	30	60	45	62	90	
287		Fail						

SQL> start D:\plsqltest\StudentMarklist.txt;

Enter value for mode_i_insert_u_update: i

old 17: um := '&Mode_I_Insert_U_Update';

new 17: um := 'i';

Enter value for registerno: 4444

old 18: rno := &RegisterNo;

new 18: rno := 4444;

Enter value for name: Nithya

old 19: sn := '&Name';

new 19: sn := 'Nithya';

Enter value for dept: CS

old 20: sd := '&Dept';

new 20: sd := 'CS';

Enter value for subject1_mark: 95

old 21: s1 := &Subject1_Mark;

new 21: s1 := 95;

Enter value for subject2_mark: 93

old 22: s2 := &Subject2_Mark;

new 22: s2 := 93;

Enter value for subject3_mark: 98

old 23: s3 := &Subject3_Mark;

new 23: s3 := 98;

Enter value for subject4_mark: 97

old 24: s4 := &Subject4_Mark;

new 24: s4 := 97;

Enter value for subject5_mark: 88

old 25: s5 := &Subject5_Mark;

new 25: s5 := 88;

1 Record Inserted...

Register no. : 4444

Name : Nithya

Department : CS

Mark obtained in subject1:95

Mark obtained in subject2:93

Mark obtained in subject3:98

Mark obtained in subject4:97

Mark obtained in subject5:88

Total marks obtained : 471

Average in all subjects:94.2
Overall result : Pass
Grade : S

PL/SQL procedure successfully completed.

```
SQL> /
Enter value for mode_i_insert_u_update: U
old 17: um := '&Mode_I_Insert_U_Update';
new 17: um := 'U';
Enter value for registerno: 4444
old 18: rno := &RegisterNo;
new 18: rno := 4444;
Enter value for name: NITHYA
old 19: sn := '&Name';
new 19: sn := 'NITHYA';
Enter value for dept: CS
old 20: sd := '&Dept';
new 20: sd := 'CS';
Enter value for subject1_mark: 90
old 21: s1 := &Subject1_Mark;
new 21: s1 := 90;
Enter value for subject2_mark: 90
old 22: s2 := &Subject2_Mark;
new 22: s2 := 90;
Enter value for subject3_mark: 60
old 23: s3 := &Subject3_Mark;
new 23: s3 := 60;
Enter value for subject4_mark: 99
old 24: s4 := &Subject4_Mark;
new 24: s4 := 99;
Enter value for subject5_mark: 90
old 25: s5 := &Subject5_Mark;
new 25: s5 := 90;
1 Record Updated...
Register no. : 4444
Name : NITHYA
Department : CS
Mark obtained in subject1:90
Mark obtained in subject2:90
Mark obtained in subject3:60
Mark obtained in subject4:99
Mark obtained in subject5:90
Total marks obtained : 429
Average in all subjects:85.8
Overall result : Pass
Grade : A
```

PL/SQL procedure successfully completed.

SQL> select *from student;

REGNO	NAME	DEP	M1	M2	M3	M4	M5
-----	-----	---	-----	-----	-----	-----	-----
TOTAL	AVERAGE	RESU G					
-----	-----	---					
1111	Shanthi	CS	90	91	92	94	95
462	92.4	Pass S					
2222	Ramya	IT	98	96	98	96	93
481	96.2	Pass S					
3333	Ragavan	IT	30	60	45	62	90
287		Fail					

REGNO	NAME	DEP	M1	M2	M3	M4	M5
-----	-----	---	-----	-----	-----	-----	-----
TOTAL	AVERAGE	RESU G					
-----	-----	---					
4444	NITHYA	CS	90	90	60	99	90
429	85.8	Pass A					

SQL> select name,total,average,result,grade from student;

NAME	TOTAL	AVERAGE	RESU G
-----	-----	-----	---
Shanthi	462	92.4	Pass S
Ramya	481	96.2	Pass S
Ragavan	287		Fail
NITHYA	429	85.8	Pass A

SQL> start D:\plsqltest\emp_pkg.txt;

Package created.

SQL> start D:\plsqltest\emppkg_body.txt;

Package body created.

SQL> start D:\plsqltest\emp_pkg_main.txt;
Kabil

PL/SQL procedure successfully completed.

SQL> select *from employees;

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY
-----	-----	-----	-----

1	Arun	Kumar	50000
2	Jana	M	60000
3	Senthil	B	55000

SQL> select *from employee;

EMPNO NAME

111 Ram

SQL> select *from employee2;

select *from employee2

*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select *from employees2;

ID NAME

1 Arun Kumar

2 Kabil

SQL> spool off;