

SQL*Plus: Release 21.0.0.0.0 - Production on Wed Dec 24 09:52:15 2025
Version 21.3.0.0.0

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Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> Select * from sales1 ;

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
1	Notebook	10	50	10	18
2	Pen	20	15	5	18
3	Bag	2	1200	15	18
4	Calculator	1	800	12	18
5	Water Bottle	3	300	8	18
6	Pencil Box	4	150	5	18
7	Geometry Box	2	220	10	18
8	Register	6	120	7	18
9	Laptop Stand	1	1500	18	18
10	Mouse	2	600	10	18
11	Keyboard	1	1200	12	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
12	USB Drive	5	700	15	18
13	Headphones	1	2500	20	18
14	Charger	2	900	10	18
15	Power Bank	1	1800	15	18
16	Tablet Cover	3	650	8	18
17	Desk Lamp	1	1400	12	18
18	Whiteboard	1	2200	18	18
19	Marker Set	2	350	5	18
20	Office Chair	1	7500	20	18
21	Table	3	1100	21	18
22	Chair	4	1300	22	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
23	Book	5	300	13	18

23 rows selected.

SQL> select * from sales3;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500

23 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> Select * from sales ;

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
1	Notebook	10	50	10	18
2	Pen	20	15	5	18
3	Bag	2	1200	15	18
4	Calculator	1	800	12	18
5	Water Bottle	3	300	8	18
6	Pencil Box	4	150	5	18
7	Geometry Box	2	220	10	18

8 Register	6	120	7	18
9 Laptop Stand	1	1500	18	18
10 Mouse	2	600	10	18
11 Keyboard	1	1200	12	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
12	USB Drive	5	700	15	18
13	Headphones	1	2500	20	18
14	Charger	2	900	10	18
15	Power Bank	1	1800	15	18
16	Tablet Cover	3	650	8	18
17	Desk Lamp	1	1400	12	18
18	Whiteboard	1	2200	18	18
19	Marker Set	2	350	5	18
20	Office Chair	1	7500	20	18
21	Table	3	1100	21	18

21 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

```

        initialamt number
        *

```

ERROR at line 2:

ORA-04079: invalid trigger specification

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

Warning: Trigger created with compilation errors.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> show errors ;

Errors for TRIGGER TRIG3:

LINE/COL ERROR

13/2 PL/SQL: Statement ignored

13/2 PLS-00201: identifier 'INITIALAMOUNT' must be declared

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

Trigger created.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-------	--------	----------	---------------

Book	300	5	1500
------	-----	---	------

23 rows selected.

SQL> insert into sales3 values (null,23,10,null);

1 row created.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500
Adapter	23	10	230

24 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

Warning: Trigger created with compilation errors.

```
SQL> show errors;
Errors for TRIGGER TRIG3:
```

```
LINE/COL ERROR
```

```
-----
4/25      PLS-00049: bad bind variable 'NEW.MAX'
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

```
SQL> select count(pname) from sale3;
select count(pname) from sale3
                        *
```

```
ERROR at line 1:
ORA-00942: table or view does not exist
```

```
SQL> select count(pname) from sales3;
```

```
COUNT(PNAME)
```

```
-----
                24
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

Trigger created.

```
SQL> select * from sales3;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720

Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500
Adapter	23	10	230

24 rows selected.

```
SQL> insert into sales3 values(null,45,23,null);
```

1 row created.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800

Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035

25 rows selected.

```
SQL> insert into sales3 values(null,45,null,null);
```

1 row created.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		

26 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

Warning: Trigger created with compilation errors.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> show errors ;

Errors for TRIGGER TRIG3:

LINE/COL ERROR

```

-----
21/4      PLS-00103: Encountered the symbol ";" when expecting one of the
          following:
          if

```

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> show errors ;

Errors for TRIGGER TRIG3:

LINE/COL ERROR

```

-----
21/4      PLS-00103: Encountered the symbol ";" when expecting one of the
          following:
          if

```

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig3.sql
```

Trigger created.

```
SQL> insert into sales3 values(null,23,null,null);
```

1 row created.

```
SQL> Select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		
Product27	23		

27 rows selected.

```
SQL> insert into sales3 values(null,23,null,0);
```

```
1 row created.
```

```
SQL> Select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		
Product27	23		
Product28	23		

```
28 rows selected.
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

Trigger created.

```
SQL> set serveroutput on ;
```

```
SQL> insert into sales3 values(null,23,54,null);
```

1 row created.

```
SQL> Select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		
Product27	23		
Product28	23		
Product29	23	54	1242

29 rows selected.

```
SQL> insert into sales3 values(null,null,45,0);
```

1 row created.

```
SQL> select * from sales3;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		
Product27	23		
Product28	23		
Product29	23	54	1242
Product30		45	

30 rows selected.

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
```

```
Trigger created.
```

```
SQL> update sales3 set pppunit=0 where ppunit is null;
update sales3 set pppunit=0 where ppunit is null
*
```

```
ERROR at line 1:
```

```
ORA-00904: "PPPUNIT": invalid identifier
```

```
SQL> update sales3 set ppunit=0 where ppunit is null;
```

```
1 row updated.
```

```
SQL> Select * from sales3;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45		
Product27	23		
Product28	23		
Product29	23	54	1242
Product30	0	45	

30 rows selected.

SQL> update sales3 set quantity=0 where quantity is null;

3 rows updated.

SQL> Select * from sales3;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500

Adapter	23	10	230
Product25	45	23	1035
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product29	23	54	1242
Product30	0	45	

30 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

Trigger created.

SQL> desc sale3 ;

ERROR:

ORA-04043: object sale3 does not exist

SQL> desc sales3 ;

Name	Null?	Type
PNAME		VARCHAR2(15)
PPUNIT		NUMBER(8,2)
QUANTITY		NUMBER(5)
INITIALAMOUNT		NUMBER

SQL> insert into sales3 values ('Table',115,5,null);

insert into sales3 values ('Table',115,5,null)

*

ERROR at line 1:

ORA-04091: table USER1.SALES3 is mutating, trigger/function may not see it

ORA-06512: at "USER1.TRIG4", line 3

ORA-04088: error during execution of trigger 'USER1.TRIG4'

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

Trigger created.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\

trig4.sql

SQL> show error;

No errors.

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

Trigger created.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product29	23	54	1242
Product30	0	45	

30 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

Trigger created.

SQL> insert into sales3 values ('Table',115,5,null);

insert into sales3 values ('Table',115,5,null)

*

ERROR at line 1:

ORA-04091: table USER1.SALES3 is mutating, trigger/function may not see it

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

Trigger created.

SQL> insert into sales3 values ('Table',115,5,null);

insert into sales3 values ('Table',115,5,null)

*

ERROR at line 1:

ORA-00036: maximum number of recursive SQL levels (50) exceeded

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

```

ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2

```

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product29	23	54	1242
Product30	0	45	

30 rows selected.

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql

Trigger created.

SQL> insert into sales3 values ('Table',115,5,null);

insert into sales3 values ('Table',115,5,null)
*

ERROR at line 1:

ORA-00036: maximum number of recursive SQL levels (50) exceeded

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

ORA-06512: at "USER1.TRIG4", line 2

ORA-04088: error during execution of trigger 'USER1.TRIG4'

```
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
ORA-04088: error during execution of trigger 'USER1.TRIG4'
ORA-06512: at "USER1.TRIG4", line 2
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
deleterecords.sql
```

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
deleterecords.sql
```

Trigger created.

```
SQL> delete from sales3;
```

[illegible]

```
30 rows deleted.
```

```
SQL> rollback ;
```

Rollback complete.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product29	23	54	1242
Product30	0	45	

30 rows selected.

```
SQL> select * from sales3 order by initialamount 1  
2 ;
```

```
select * from sales3 order by initialamount 1
*
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```
SQL> select * from sales3 order by initialamount ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Adapter	23	10	230
Pen	15	20	300
Geometry Box	220	2	440
Notebook	50	10	500
Pencil Box	150	4	600
Marker Set	350	2	700
Register	120	6	720
Calculator	800	1	800
Water Bottle	300	3	900
Product25	45	23	1035
Mouse	600	2	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Keyboard	1200	1	1200
Product29	23	54	1242
Desk Lamp	1400	1	1400
Book	300	5	1500
Laptop Stand	1500	1	1500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Whiteboard	2200	1	2200
Bag	1200	2	2400
Headphones	2500	1	2500

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Table	1100	3	3300
USB Drive	700	5	3500
Chair	1300	4	5200
Office Chair	7500	1	7500
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product30	0	45	

30 rows selected.

```
SQL> delete from sales3 where initialamount<1000;
```

One record deleted
 One record deleted
 One record deleted
 One record deleted
 One record deleted
 One record deleted
 One record deleted
 One record deleted
 One record deleted

9 rows deleted.

SQL> rollback;

Rollback complete.

SQL> SElect * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230

Product25	45	23	1035
Product26	45	0	
Product27	23	0	
Product28	23	0	
Product29	23	54	1242
Product30	0	45	

30 rows selected.

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\updaterecords.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\updaterecords.sql

Trigger created.

SQL> update sales3 set initial_amount = ppunit*quantity where initialamount is null;

update sales3 set initial_amount = ppunit*quantity where initialamount is null
*

ERROR at line 1:

ORA-00904: "INITIAL_AMOUNT": invalid identifier

SQL> update sales3 set initialamount = ppunit*quantity where initialamount is null;

Sales3 Table updated

Sales3 Table updated

Sales3 Table updated

Sales3 Table updated

4 rows updated.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	45	0	0
Product27	23	0	0
Product28	23	0	0
Product29	23	54	1242
Product30	0	45	0

30 rows selected.

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql
SP2-0310: unable to open file
"C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER
\update_sepcific_columns.sql"
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;
SP2-0310: unable to open file
"C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER
\update_sepcific_columns.sql"
SQL> edot
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;
SP2-0734: unknown command beginning "edot C:\Us..." - rest of line ignored.
SQL> ed
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
```

```
update_sepcific_columns.sql;
```

Trigger created.

```
SQL> update sales3 set ppunit=56 where initialamount = 0;
```

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

4 rows updated.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	23	10	230
Product25	45	23	1035
Product26	56	0	0
Product27	56	0	0
Product28	56	0	0

Product29	23	54	1242
Product30	56	45	0

30 rows selected.

```
SQL> update sales3 set ppunit = 34 where ppunit=23;
Sales3 table updated
Sales3 table updated
```

2 rows updated.

```
SQL> select * from sales33 ;
select * from sales33
          *
```

ERROR at line 1:
ORA-00942: table or view does not exist

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----

Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	56	0	0
Product27	56	0	0
Product28	56	0	0
Product29	34	54	1242
Product30	56	45	0

30 rows selected.

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig1 ;
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig1.sql ;
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig2.sql ;
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig3.sql ;
```

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
trig3.sql ;
```

Trigger created.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-------	--------	----------	---------------

USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	56	0	0
Product27	56	0	0
Product28	56	0	0
Product29	34	54	1242
Product30	56	45	0

30 rows selected.

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Warning: Trigger created with compilation errors.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Warning: Trigger created with compilation errors.

SQL> show errors;

Errors for TRIGGER TRIG5:

LINE/COL ERROR

4/2 PL/SQL: Statement ignored
4/24 PLS-00201: identifier 'PPUNIT' must be declared

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-------	--------	----------	---------------

	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	56	0	0
Product27	56	0	0
Product28	56	0	0
Product29	34	54	1242
Product30	56	45	0

30 rows selected.

SQL> update sales3 set ppunit = 34 where initialamount=1242 ;
Sales3 table updated

1 row updated.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500

Adapter	34	10	230
Product25	45	23	1035
Product26	56	0	0
Product27	56	0	0
Product28	56	0	0
Product29	34	54	1836
Product30	56	45	0

30 rows selected.

SQL> update sales3 set quantity = 4 where quantity = 0 ;

Sales3 table updated

Sales3 table updated

Sales3 table updated

3 rows updated.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500

Adapter	34	10	230
Product25	45	23	1035
Product26	56	4	0
Product27	56	4	0
Product28	56	4	0
Product29	34	54	1836
Product30	56	45	0

30 rows selected.

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

create or replace trigger trig5 before update or insert on sales3 for each row
*

ERROR at line 1:

ORA-04085: cannot change the value of an OLD reference variable

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440

Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	56	4	0
Product27	56	4	0
Product28	56	4	0
Product29	34	54	1836
Product30	56	45	0

30 rows selected.

```
SQL> update sales3 set ppunit=21 where initialamountv=0;
update sales3 set ppunit=21 where initialamountv=0
*
```

ERROR at line 1:
ORA-00904: "INITIALAMOUNTV": invalid identifier

```
SQL> update sales3 set ppunit=21 where initialamount=0;
Sales3 table updated
Sales3 table updated
Sales3 table updated
Sales3 table updated
```

4 rows updated.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-------	--------	----------	---------------

Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	4	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	4	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	21	4	224
Product27	21	4	224
Product28	21	4	224
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

```
SQL> update sales3 set quantity = 5 where quantity = 4 ;
Sales3 table updated
Sales3 table updated
Sales3 table updated
Sales3 table updated
Sales3 table updated
```

5 rows updated.

```
SQL> select * from sales3;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	21	5	84
Product27	21	5	84
Product28	21	5	84
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	21	5	84
Product27	21	5	84
Product28	21	5	84
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

SQL> update sales3 set quantity = 5 where quantity = 5 ;

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated
Sales3 table updated
Sales3 table updated

7 rows updated.

SQL> select * from sales;

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
1	Notebook	10	50	10	18
2	Pen	20	15	5	18
3	Bag	2	1200	15	18
4	Calculator	1	800	12	18
5	Water Bottle	3	300	8	18
6	Pencil Box	4	150	5	18
7	Geometry Box	2	220	10	18
8	Register	6	120	7	18
9	Laptop Stand	1	1500	18	18
10	Mouse	2	600	10	18
11	Keyboard	1	1200	12	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT_PERCENT	GST_PERCENT
12	USB Drive	5	700	15	18
13	Headphones	1	2500	20	18
14	Charger	2	900	10	18
15	Power Bank	1	1800	15	18
16	Tablet Cover	3	650	8	18
17	Desk Lamp	1	1400	12	18
18	Whiteboard	1	2200	18	18
19	Marker Set	2	350	5	18
20	Office Chair	1	7500	20	18
21	Table	3	1100	21	18

21 rows selected.

SQL> select * from sales3;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	5	750
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500

Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	6500

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	21	5	105
Product27	21	5	105
Product28	21	5	105
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

SQL> update sales3 set ppunit = 67 where quantity>5 ;

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

Sales3 table updated

7 rows updated.

SQL> select * from sales3 ;

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Notebook	67	10	500
Pen	67	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900

Pencil Box	150	5	750
Geometry Box	220	2	440
Register	67	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	6500

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
-----	-----	-----	-----
Book	300	5	1500
Adapter	67	10	340
Product25	67	23	1035
Product26	21	5	105
Product27	21	5	105
Product28	21	5	105
Product29	67	54	1836
Product30	67	45	945

30 rows selected.

SQL> select count(initialamount) from sales3 ;

```
COUNT(INITIALAMOUNT)
-----
                30
```

SQL> select sum (initialamount) from sales3 ;

```
SUM(INITIALAMOUNT)
-----
            49831
```

SQL> rollback ;

Rollback complete.

```
SQL> select sum(initialamount) from sales3 ;
```

```
SUM(INITIALAMOUNT)
```

```
-----  
49783
```

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	800	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	21	5	84
Product27	21	5	84
Product28	21	5	84
Product29	34	54	1836
Product30	21	45	2520

```
30 rows selected.
```

```
SQL> edot
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER
SP2-0734: unknown command beginning "edot C:\Us..." - rest of line ignored.
```

```
SQL> ed
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_specific_columns.sql;
```

```
SQL> ed
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;
```

```
SQL> update sales3 set ppunit =29 where initialamount = 0 ;
```

```
0 rows updated.
```

```
SQL> update sales3 set ppunit =29 where initialamount like ;
```

```
update sales3 set ppunit =29 where initialamount like
                                                                *
```

```
ERROR at line 1:
```

```
ORA-00936: missing expression
```

```
SQL> update sales3 set ppunit =29 where initialamount like '8%';
```

```
Sales3 table updated
```

```
Sales3 table updated
```

```
Sales3 table updated
```

```
Sales3 table updated
```

```
4 rows updated.
```

```
SQL> select * from sales3;'
```

```
2
```

```
SQL> select * from sales3;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	29	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	29	5	105
Product27	29	5	105
Product28	29	5	105
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

```
SQL> select sum(ppunit),sum(quantity),sum(initialamount) from sales3 ;
```

SUM(PPUNIT)	SUM(QUANTITY)	SUM(INITIALAMOUNT)
26305	230	49846

```
SQL> ed
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;
```

Trigger created.

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400

Calculator	29	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800
Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	29	5	105
Product27	29	5	105
Product28	29	5	105
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

```
SQL> update sales3 set ppunit=30 where ppunit<50 ;
```

Sales3 table updated

```
update sales3 set ppunit=30 where ppunit<50
```

*

ERROR at line 1:

ORA-04091: table USER1.SALES3 is mutating, trigger/function may not see it

ORA-06512: at "USER1.TRIG5", line 11

ORA-04088: error during execution of trigger 'USER1.TRIG5'

```
SQL> show errors;
```

No errors.

```
SQL> update sales3 set ppunit = 21 where initialamount<300;
```

Sales3 table updated

```
update sales3 set ppunit = 21 where initialamount<300
```

```
*
```

```
ERROR at line 1:
```

```
ORA-04091: table USER1.SALES3 is mutating, trigger/function may not see it
```

```
ORA-06512: at "USER1.TRIG5", line 11
```

```
ORA-04088: error during execution of trigger 'USER1.TRIG5'
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
procedure1.sql;
```

```
SP2-0310: unable to open file
```

```
"C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER
\procedure1.sql"
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
procedure1.sql;
```

```
SQL> update sales3 set ppunit = 21 where initialamount<300;
```

```
Sales3 table updated
```

```
update sales3 set ppunit = 21 where initialamount<300
```

```
*
```

```
ERROR at line 1:
```

```
ORA-04091: table USER1.SALES3 is mutating, trigger/function may not see it
```

```
ORA-06512: at "USER1.TRIG5", line 11
```

```
ORA-04088: error during execution of trigger 'USER1.TRIG5'
```

```
SQL> select * from sales3 ;
```

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Notebook	50	10	500
Pen	15	20	300
Bag	1200	2	2400
Calculator	29	1	800
Water Bottle	300	3	900
Pencil Box	150	5	600
Geometry Box	220	2	440
Register	120	6	720
Laptop Stand	1500	1	1500
Mouse	600	2	1200
Keyboard	1200	1	1200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
USB Drive	700	5	3500
Headphones	2500	1	2500
Charger	900	2	1800
Power Bank	1800	1	1800

Tablet Cover	650	3	1950
Desk Lamp	1400	1	1400
Whiteboard	2200	1	2200
Marker Set	350	2	700
Office Chair	7500	1	7500
Table	1100	3	3300
Chair	1300	5	5200

PNAME	PPUNIT	QUANTITY	INITIALAMOUNT
Book	300	5	1500
Adapter	34	10	230
Product25	45	23	1035
Product26	29	5	105
Product27	29	5	105
Product28	29	5	105
Product29	34	54	1836
Product30	21	45	2520

30 rows selected.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
update_sepcific_columns.sql;

Trigger created.

SQL> ed

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\
functionmean.sql;

```
SQL> create view sum_view as select sum(ppunit),sum(quantity),sum(initialamount)
from sales3 ;
create view sum_view as select sum(ppunit),sum(quantity),sum(initialamount) from
sales3
```

*

ERROR at line 1:

ORA-00998: must name this expression with a column alias

```
SQL> create table sum_table as select sum(ppunit),sum(quantity),sum(initialamount)
from sales3 ;
create table sum_table as select sum(ppunit),sum(quantity),sum(initialamount) from
sales3
```

*

ERROR at line 1:

ORA-00998: must name this expression with a column alias

```
SQL> create table sum_table as select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales3 s;
create table sum_table as select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales3 s
*
```

ERROR at line 1:
ORA-00998: must name this expression with a column alias

```
SQL> create table sum_table as( select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales3 s );
create table sum_table as( select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales3 s )
*
```

ERROR at line 1:
ORA-00998: must name this expression with a column alias

```
SQL> create table sum_table as(select sum(ppunit),sum(quantity),sum(initialamount)
from sales s);
create table sum_table as(select sum(ppunit),sum(quantity),sum(initialamount) from
sales s)
*
```

ERROR at line 1:
ORA-00904: "INITIALAMOUNT": invalid identifier

```
SQL> create table sum_table as(select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales s);
create table sum_table as(select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales s)
*
```

ERROR at line 1:
ORA-00904: "S"."INITIALAMOUNT": invalid identifier

```
SQL> create table sum_table as(select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales s);
create table sum_table as(select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales s)
*
```

ERROR at line 1:
ORA-00904: "S"."INITIALAMOUNT": invalid identifier

```
SQL> CREATE TABLE sum_table AS
2 (
```



```

3      SELECT SUM(s.ppunit),
4              SUM(s.quantity),
5              SUM(s.initialamount)
6      FROM sales3 s
7  );
      SELECT SUM(s.ppunit),
              *

```

ERROR at line 3:
ORA-00998: must name this expression with a column alias

```

SQL> create table sumtable as(select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales s);
create table sumtable as(select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales s)

```

*

ERROR at line 1:
ORA-00904: "S"."INITIALAMOUNT": invalid identifier

```

SQL> create table sumtable as (select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales s);
create table sumtable as (select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales s)

```

*

ERROR at line 1:
ORA-00904: "S"."INITIALAMOUNT": invalid identifier

```

SQL> create table tablesum as (select
sum(s.ppunit),sum(s.quantity),sum(s.initialamount) from sales s);
create table tablesum as (select sum(s.ppunit),sum(s.quantity),sum(s.initialamount)
from sales s)

```

*

ERROR at line 1:
ORA-00904: "S"."INITIALAMOUNT": invalid identifier

```

SQL> create table calculate as (Select
sum(s.ppunit),sum(s.quantity),sum(initialamount) from sales s ) ;
create table calculate as (Select sum(s.ppunit),sum(s.quantity),sum(initialamount)
from sales s )

```

*

ERROR at line 1:
ORA-00904: "INITIALAMOUNT": invalid identifier

```

SQL>
SQL> create table calculate as (Select
,count(pname),sum(s.ppunit),sum(s.quantity),sum(initialamount) from sales s ) ;

```

```
create table calculate as (Select
,count(pname),sum(s.ppunit),sum(s.quantity),sum(initialamount) from sales s )
*
```

ERROR at line 1:
ORA-00936: missing expression

```
SQL> create table calculate as (Select
count(pname),sum(s.ppunit),sum(s.quantity),sum(initialamount) from sales s ) ;
create table calculate as (Select
count(pname),sum(s.ppunit),sum(s.quantity),sum(initialamount) from sales s )
```

*

ERROR at line 1:
ORA-00904: "INITIALAMOUNT": invalid identifier

```
SQL> desc sales3 ;
```

Name	Null?	Type
-----	-----	-----
PNAME		VARCHAR2(15)
PPUNIT		NUMBER(8,2)
QUANTITY		NUMBER(5)
INITIALAMOUNT		NUMBER

```
SQL> ommmit ;
SP2-0042: unknown command "ommmmit " - rest of line ignored.
SQL> commit ;
```

Commit complete.

```
SQL>
```