

SQL\*Plus: Release 21.0.0.0.0 - Production on Sun Dec 28 13:07:04 2025  
Version 21.3.0.0.0

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Connected to:

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

SQL> Select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0

Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121

49 rows selected.

```
SQL> insert into sales2 values(null,null,null,null,null,null);
insert into sales2 values(null,null,null,null,null,null)
*
ERROR at line 1:
ORA-04098: trigger 'USER1.TRIG5' is invalid and failed re-validation
```

```
SQL> update sales2 set ppunit = 59 where finalamount = 0;
update sales2 set ppunit = 59 where finalamount = 0
*
ERROR at line 1:
ORA-04098: trigger 'USER1.TRIG5' is invalid and failed re-validation
```

```
SQL> update sales2 set ppunit = 59 where finalamount is null;
update sales2 set ppunit = 59 where finalamount is null
*
ERROR at line 1:
ORA-04098: trigger 'USER1.TRIG5' is invalid and failed re-validation
```

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

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

Trigger created.

```
SQL> update sales2 set ppunit=59 where finalamount is null ;  
update sales2 set ppunit=59 where finalamount is null  
*  
ERROR at line 1:  
ORA-04098: trigger 'USER1.TRIG5' is invalid and failed re-validation
```

```
SQL> drop trigger trig5 ;
```

Trigger dropped.

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

Trigger created.

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

Trigger created.

```
SQL> update sales2 set ppunit = 59 where finalamount = 0;
```

17 rows updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	59	10	500	5	0
Pen	59	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	59	1	800	5	0
Water Bottle	59	3	900	5	0
Pencil Box	59	5	600	5	0
Geometry Box	59	2	440	5	0
Register	59	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	59	2	1200	5	0
Keyboard	59	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	59	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	59	10	230	5	0
Product25	59	23	1035	5	0
Product26	59	5	105	5	0
Product27	59	5	105	5	0
Product28	59	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	59	4	268	5	0
Product32	59	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121

49 rows selected.

SQL> select \* from sales2 where finalamount is null;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product39	87	32	2784		
Product40	87	32	2784		
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	20	1000		

11 rows selected.

SQL> rollback;

Rollback complete.

SQL> select \* From sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0

Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121

49 rows selected.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0

Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121

49 rows selected.

```
SQL> insert into sales2 values ('Cellphone',21,32,null,7,null);
```

1 row created.

```
SQL> Select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0

Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	21	32	672	7	737.4528

50 rows selected.

SQL> update sales2 set ppunit = 7500 where pname='cellphone';

0 rows updated.

SQL> update sales2 set ppunit = 7500 where pname='ellphone';

0 rows updated.

SQL> update sales2 set ppunit = 7500 where pname='Cellphone';

1 row updated.

SQL> Select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0

Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		

Product43	98	12	1176		
Product44	98	12	1176	3	
<b>PNAME</b>	<b>PPUNIT</b>	<b>QUANTITY</b>	<b>IAMT</b>	<b>DISCOUNT</b>	<b>FINALAMOUNT</b>
-----	-----	-----	-----	-----	-----
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	7500	32	672	7	737.4528

50 rows selected.

SQL> edit

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

Warning: Trigger created with compilation errors.

SQL> edit

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

Trigger created.

SQL> insert into sales2 values ('Cellphone',21,32,null,7,null);

1 row created.

SQL> select \* from sales2 ;

<b>PNAME</b>	<b>PPUNIT</b>	<b>QUANTITY</b>	<b>IAMT</b>	<b>DISCOUNT</b>	<b>FINALAMOUNT</b>
-----	-----	-----	-----	-----	-----
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	7500	32	672	7	737.4528

Cellphone	21	32	672	7	737.4528
-----------	----	----	-----	---	----------

51 rows selected.

```
SQL> insert into sales2 values ('Cellphone',21,32,null,null,null);
```

1 row created.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0

Product33	65	65	4225	15	4237.675
<hr/>					
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	
<hr/>					
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	7500	32	672	7	737.4528
Cellphone	21	32	672	7	737.4528
Cellphone	21	32	672		

52 rows selected.

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

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

Trigger created.

```
SQL> insert into sales2 values ('Cellphone',21,32,null,7,null);
```

1 row created.

```
SQL> select * from sales2;
```

Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0

Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32	2784		
Product37	87	32	2784		
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Product45	9	12	108			
Towel	21	21	1638			
Towel	21	21	1638	5	1836.198	
Towel	21	20	1000			
Towel	21	20	1000	5	1121	
Cellphone	7500	32	672	7	737.4528	
Cellphone	21	32	672	7	737.4528	
Cellphone	21	32	672			
Cellphone	21	32	672	7	737.4528	

53 rows selected.

SQL> insert into sales2 values ('Cellphone',21,32,null,null,null);

1 row created.

SQL> select \* from sales2;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Book	300	5	1500	10	1593
------	-----	---	------	----	------

Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	7500	32	672	7	737.4528
Cellphone	21	32	672	7	737.4528
Cellphone	21	32	672		
Cellphone	21	32	672	7	737.4528
Cellphone	21	32	672		

54 rows selected.

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

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

Warning: Trigger created with compilation errors.

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

SQL> @  
C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

Trigger created.

SQL> set serverout on ;  
SQL> SElect \* from sales2;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	7500	32	672	7	737.4528
Cellphone	21	32	672	7	737.4528
Cellphone	21	32	672		
Cellphone	21	32	672	7	737.4528
Cellphone	21	32	672		

54 rows selected.

```
SQL> update sales2 set ppunit = 8 where pname = 'Cellphone' having count(*)-1;
update sales2 set ppunit = 8 where pname = 'Cellphone' having count(*)-1
*
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```
SQL> update sales2 set ppunit = 8 where pname = 'Cellphone';
```

5 rows updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0

Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32	2784		
Product37	87	32	2784		
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

```

-----
| Product45      | 9   | 12   | 108 |
| Towel          | 21  | 21   | 1638 |
| Towel          | 21  | 21   | 1638 |      5 | 1836.198
| Towel          | 21  | 20   | 1000 |
| Towel          | 21  | 20   | 1000 |      5 | 1121
| Cellphone     | 8   | 32   | 672  |
| Cellphone     | 8   | 32   | 672  |      7 | 737.4528
| Cellphone     | 8   | 32   | 672  |
| Cellphone     | 8   | 32   | 672  |      7 | 737.4528
| Cellphone     | 8   | 32   | 672  |
| Cellphone     | 8   | 32   | 672  |

```

54 rows selected.

```

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

SQL> @@
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql
create or replace trigger trig3 before insert or update on
ppunit,quantity,iamt,finalamount on sales2 for each row
*
ERROR at line 1:
ORA-04079: invalid trigger specification

```

```

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

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

Trigger created.

```

SQL> rollback ;

Rollback complete.

```

SQL> select * from sales2 l
2 ;

```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0

Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		

Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		

54 rows selected.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0

Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		

54 rows selected.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32	2784		
Product37	87	32	2784		
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121

Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		

54 rows selected.

SQL> update sales2 set ppunit = 67 where pname ='Cellphone' ;

5 rows updated.

SQL> Select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0

Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144		
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144		

54 rows selected.

```
SQL> update sales2 set finalamount = 3000 where pname ='Cellphone' ;
```

5 rows updated.

```
SQL> Select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0

Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		

Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144		
Cellphone	67	32	2144	7	2352.8256
Cellphone	67	32	2144		

54 rows selected.

SQL> rollback;

Rollback complete.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0

Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		
Cellphone	8	32	672	7	737.4528
Cellphone	8	32	672		

54 rows selected.

```
SQL> update sales2 set finalamount = 3000 where pname ='Cellphone' ;
```

5 rows updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8

Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		

54 rows selected.

```
SQL> update sales2 set finalamount = 3000 where pname='Cellphone';
```

5 rows updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		

54 rows selected.

```
SQL> update sales2 set finalamount = 3000 where pname ='Product41';
```

1 row updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		

Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		

54 rows selected.

SQL> edit

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

SQL> @

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql

Trigger created.

SQL> update sales2 set iamt = 264 where pname = 'Cellphone';

5 rows updated.

SQL> Select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		

Cellphone	8	32	256	7	280.9344
Cellphone	8	32	256		

54 rows selected.

```
SQL> update sales2 set quantity = 264 where pname = 'Cellphone';
```

5 rows updated.

```
SQL> Select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0

Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675
<b>PNAME</b>	<b>PPUNIT</b>	<b>QUANTITY</b>	<b>IAMT</b>	<b>DISCOUNT</b>	<b>FINALAMOUNT</b>
-----	-----	-----	-----	-----	-----
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	
<b>PNAME</b>	<b>PPUNIT</b>	<b>QUANTITY</b>	<b>IAMT</b>	<b>DISCOUNT</b>	<b>FINALAMOUNT</b>
-----	-----	-----	-----	-----	-----
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	8	264	2112	7	2317.7088
Cellphone	8	264	2112	7	2317.7088
Cellphone	8	264	2112		
Cellphone	8	264	2112	7	2317.7088
Cellphone	8	264	2112		

54 rows selected.

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

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig4.sql

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

SQL> @@
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;
create or replace trigger trig5 before insert or update on sales2 for each row
*
ERROR at line 1:
ORA-00905: missing keyword
```

```
SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

SQL> @@
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

Warning: Trigger created with compilation errors.

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

SQL> show errors;
Errors for TRIGGER TRIG5:

LINE/COL ERROR
-----
5/5    PLS-00103: Encountered the symbol ";" when expecting one of the
       following:
       if

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;\\

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

SQL>
SQL> @@
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

Warning: Trigger created with compilation errors.

SQL> show errors;
Errors for TRIGGER TRIG5:

LINE/COL ERROR
-----
5/5    PLS-00103: Encountered the symbol ";" when expecting one of the
       following:
       if

SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
```

;

SQL> @  
C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig5.sql  
;

Trigger created.

SQL> update sales2 set ppunit=100 where pname='Cellphone';

5 rows updated.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0

Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		

54 rows selected.

```
SQL> insert into sales2 values(null,89,98,null,10,null);
```

1 row created.

```
SQL> Select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0

Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		

Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	89	98	8722	10	9262.764

55 rows selected.

SQL> update sales2 set discount = 12 where rowid=(select max(rowid) from sales2);

1 row updated.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Book	300	5	1500	10	1593
------	-----	---	------	----	------

Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	89	98	8722	12	8722

55 rows selected.

```
SQL> select * from user1 ;
select * from user1
*
ERROR at line 1:
ORA-00942: table or view does not exist
```

```
SQL> select * from sale2 ;
select * from sale2
```

\*

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

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT

Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	89	98	8722	12	8722

55 rows selected.

```
SQL> update sales2 set ppunit = 45 where rowid = (select max(rowid) from sales2);
update sales2 set ppunit = 45 where rowid = (select max(rowid) from sales2)
*
```

ERROR at line 1:

ORA-00936: missing expression

```
SQL> update sales2 set ppunit = 45 where rowid = (select max(rowid) from sales2);
```

1 row updated.

```
SQL> Select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0

Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32	2784		
Product37	87	32	2784		
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	45	98	4410	12	4579.344

55 rows selected.

```
SQL> update sales2 set ppunit = 67 where rowid = (Select max(rowid)-1 from sales);
update sales2 set ppunit = 67 where rowid = (Select max(rowid)-1 from sales)
*
```

ERROR at line 1:

ORA-00932: inconsistent datatypes: expected NUMBER got ROWID

```
SQL> update sales2 set ppunit = 67 where rowid = (Select max(rowid) from sales);
update sales2 set ppunit = 67 where rowid = (Select max(rowid) from sales)
*
```

ERROR at line 1:

ORA-01410: invalid ROWID

```
SQL> update sales2 set ppunit = 67 where rowid = (Select max(rowid) from sales2);
```

1 row updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	50	10	500	5	0
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		

Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

55 rows selected.

```
SQL> update sales2 set ppunit = 100 where round(rowid) = (Select  
(max(rowid)+min(rowid))/2 from sales2);  
update sales2 set ppunit = 100 where round(rowid) = (Select  
(max(rowid)+min(rowid))/2 from sales2)  
*
```

ERROR at line 1:

ORA-00932: inconsistent datatypes: expected NUMBER got ROWID

```
SQL> update sales2 set ppunit = 100 where round(rowid)=34'  
2';  
update sales2 set ppunit = 100 where round(rowid)=34'  
*
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```
SQL> update sales2 set ppunit = 100 where round(rowid)=34;  
update sales2 set ppunit = 100 where round(rowid)=34  
*
```

ERROR at line 1:

ORA-00932: inconsistent datatypes: expected NUMBER got ROWID

```
SQL> update sales2 set ppunit = 100 where rowid=34;  
update sales2 set ppunit = 100 where rowid=34  
*
```

ERROR at line 1:

ORA-00932: inconsistent datatypes: expected ROWID got NUMBER

```
SQL> update sales2 set ppunit = 100 where rowid=(Select min(rowid) from sales2);;  
update sales2 set ppunit = 100 where rowid=(Select min(rowid) from sales2);  
*
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```
SQL> update sales2 set ppunit = 100 where rowid=(Select min(rowid) from sales2);
```

1 row updated.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		

Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

55 rows selected.

```
SQL> drop table sales ;
```

Table dropped.

```
SQL> select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8

Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

55 rows selected.

```
SQL> create table sales as( select * from sales2 order by rowid asc fetch first 10 rows only);
```

Table created.

```
SQL> select * from sales ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0

10 rows selected.

```
SQL> create table sales3 as (Select * from sales2);
```

Table created.

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

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8

Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

55 rows selected.

```
SQL> drop table sales2 ;
```

Table dropped.

```
SQL> select * from sales2 ;
```

```
select * from sales2  
*
```

ERROR at line 1:

```
ORA-00942: table or view does not exist
```

```
SQL> create table sales2 as(Select * from sales);
```

Table created.

```
SQL> drop table sales;
```

Table dropped.

```
SQL> select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0

10 rows selected.

```
SQL> update sales2 set discount = 7 where ppunit >=100;
```

8 rows updated.

```
SQL> update sales2 set discount = 7 where ppunit <=100;
```

3 rows updated.

```
SQL> select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0

Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0

10 rows selected.

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

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

Trigger created.

```
SQL> update sales2 set discount = 7 where ppunit <=100;
```

3 rows updated.

```
SQL> select * from sales2;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0

10 rows selected.

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

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

```
Warning: Trigger created with compilation errors.
```

```
SQL> edit  
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;  
  
SQL> @  
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;]  
SP2-0310: unable to open file  
"C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql"  
1;"  
SQL> @  
C:\Users\Ayush\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
```

```
-----  
21/2    PLS-00103: Encountered the symbol "" when expecting one of the  
         following:  
         := . ( @ % ;  
         The symbol ";" was substituted for "" to continue.  
  
27/20   PLS-00103: Encountered the symbol "=" when expecting one of the  
         following:  
         := . ( @ % ; indicator  
         The symbol ":= was inserted before "=" to continue.
```

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

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

```
SQL> @  
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;]  
SP2-0310: unable to open file  
"C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql"  
1;"  
SQL> @  
C:\Users\Ayush\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

```
-----  
29/4    PLS-00103: Encountered the symbol ";" when expecting one of the  
following:  
        if
```

```
SQL> @  
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;  
SP2-0310: unable to open file
```

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

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

```
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;  
SP2-0310: unable to open file
```

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

```
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig3.sql  
;  
Trigger created.
```

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0

```
10 rows selected.
```

```
SQL> insert into sales2 values(null,56,65,null,35,null);
```

```
1 row created.
```

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

```
11 rows selected.
```

```
SQL> update sales2 set finalamount ;
```

```
update sales2 set finalamount  
*
```

```
ERROR at line 1:
```

```
ORA-00927: missing equal sign
```

```
SQL> update sales2 set finalamount=true ;
```

```
update sales2 set finalamount=true  
*
```

```
ERROR at line 1:
```

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

```
SQL> insert into sales2 values(null,34,65,null,35,null);
```

```
1 row created.
```

```
SQL> insert into sales2 values(null,34,65,null,78,null);
```

```
1 row created.
```

```
SQL> insert into sales2 values(null,34,65,0,78,null);
```

```
1 row created.
```

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716

14 rows selected.

```
SQL> insert into sales2 values(null,34,54,0,78,null);
```

1 row created.

```
SQL> insert into sales2 values(null,34,54,0,12,null);
```

1 row created.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07

Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024

16 rows selected.

SQL> insert into sales3 select \* from sales2 s where not exists (select 1 from sales3 t where t.pname = s.pname);

6 rows created.

SQL> select \* from sales3 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0
Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0

Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product11	56	65	3640	35	2791.88
Product13	34	65	2210	78	573.716
Product16	34	54	1836	12	1906.5024
Product12	34	65	2210	35	1695.07

61 rows selected.

SQL> select \* from sales2;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121

Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024

16 rows selected.

```
SQL> insert into sales2 values('NewRecord1',312,123,null,10,null);
insert into sales2 values('NewRecord1',312,123,null,10,null)
*
```

ERROR at line 1:

ORA-00984: column not allowed here

```
SQL> insert into sales2 values('NewRecord1',312,123,null,10,null);
```

1 row created.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-------	--------	----------	------	----------	-------------

Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312

17 rows selected.

```
SQL> insert into sales2 values('NewRecord2',567,153,null,20,null);
```

1 row created.

```
SQL> insert into sales2 values('NewRecord3',566,654,null,24,null);
```

1 row created.

```
SQL> insert into sales2 values('NewRecord3',786,663,null,24,null);
```

1 row created.

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	24	331963.075
NewRecord3	786	663	521118	24	467338.622

20 rows selected.

```

SQL> insert into sales3 s  select * from sales2 where not exists (Select 1 from
sales3 t where t.pname = s.pname);
insert into sales3 s  select * from sales2 where not exists (Select 1 from sales3
t where t.pname = s.pname)

```

\*

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

```

SQL> insert into sales3  select * from sales2 s where not exists (Select 1 from
sales3 t  where t.pname = s.pname);

```

4 rows created.

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

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	5	1121
Pen	15	20	300	5	0
Bag	1200	2	2400	10	2548.8
Calculator	29	1	800	5	0
Water Bottle	300	3	900	5	0
Pencil Box	150	5	600	5	0
Geometry Box	220	2	440	5	0
Register	120	6	720	5	0
Laptop Stand	1500	1	1500	10	1593
Mouse	600	2	1200	5	0
Keyboard	1200	1	1200	5	0

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
USB Drive	700	5	3500	12	3634.4
Headphones	2500	1	2500	10	2655
Charger	900	2	1800	10	1911.6
Power Bank	1800	1	1800	10	1911.6
Tablet Cover	650	3	1950	10	2070.9
Desk Lamp	1400	1	1400	10	1486.8
Whiteboard	2200	1	2200	10	2336.4
Marker Set	350	2	700	5	0
Office Chair	7500	1	7500	19	7168.5
Table	1100	3	3300	12	3426.72
Chair	1300	5	5200	15	5215.6

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Book	300	5	1500	10	1593
Adapter	34	10	230	5	0

Product25	45	23	1035	5	0
Product26	29	5	105	5	0
Product27	29	5	105	5	0
Product28	29	5	105	5	0
Product29	34	54	1836	10	1949.832
Product30	21	45	2520	10	2676.24
Product31	67	4	268	5	0
Product32	67	4	268	5	0
Product33	65	65	4225	15	4237.675

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product34	32	78	2496	10	2650.752
Product35	87	32	2784		
Product36	87	32			
Product37	87	32			
Product38	87	32	2784	7	3055.1616
Product39	87	32	2784		
Product40	87	32	2784		
Product41	98	12	1176	8	1276.6656
Product42	98	12	1176		
Product43	98	12	1176		
Product44	98	12	1176	3	

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product45	9	12	108		
Towel	21	21	1638		
Towel	21	21	1638	5	1836.198
Towel	21	20	1000		
Towel	21	20	1000	5	1121
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Cellphone	100	264	26400	7	28971.36
Cellphone	100	264	26400		
Product55	67	98	6566	12	6818.1344

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product11	56	65	3640	35	2791.88
Product13	34	65	2210	78	573.716
Product16	34	54	1836	12	1906.5024
Product12	34	65	2210	35	1695.07
NewRecord2	567	153	86751	20	81892.944
NewRecord1	312	123	38376	10	40755.312
NewRecord3	566	654	370164	24	331963.075
NewRecord3	786	663	521118	24	467338.622

65 rows selected.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	24	331963.075
NewRecord3	786	663	521118	24	467338.622

20 rows selected.

SQL> update sales2 set discount = 21 where pname = 'NewRecord3';

0 rows updated.

SQL> update sales2 set discount = 21 where pname ='NewRecord3';

2 rows updated.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0

Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	786	663	521118	21	467338.622

20 rows selected.

SQL> select discount from sales2 ;

DISCOUNT
7
7
7
7
7
7
7
7
7
7
35

DISCOUNT
35
78
78
78
12
10
20
21
21

20 rows selected.

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	786	663	521118	21	467338.622

20 rows selected.

SQL> edit

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql ;

SQL>

SQL> edit

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig5.sql ;

SQL> @

C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig5.sql ;

Trigger created.

SQL> update sales2 set finalamount = 5000000 where rowid = (Select max(rowid) from sales2);

update sales2 set finalamount = 5000000 where rowid = (Select max(rowid) from

```

sales2)
*
ERROR at line 1:
ORA-06502: PL/SQL: numeric or value error: number precision too large
ORA-06512: at "USER1.TRIG5", line 4
ORA-04088: error during execution of trigger 'USER1.TRIG5'

```

```

SQL> update sales2 set finalamount = 50000 where rowid = (Select max(rowid) from sales2);

```

1 row updated.

```

SQL> select * from sales2 where rowid=(Select max(rowid) from sales2);

```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
NewRecord3	35308.22	663	23409349.9	21	21822195.9

```

SQL> insert into sales2 values(null,50,100,null,10,null):
  2 ;
insert into sales2 values(null,50,100,null,10,null):
*
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```

SQL> insert into sales2 values(null,50,100,null,10,null);

```

1 row created.

```

SQL> select * from sales2 ;

```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07

Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	35308.22	663	23409349.9	21	21822195.9
Product21	50	100	5000	10	5310

21 rows selected.

```
SQL> update sales2 set finalamount = 5500 where rowid = (Select max(rowid) from sales2);
```

1 row updated.

```
SQL> select * from sales2 where rowid=(Select max(rowid) from sales2);
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product21	4196.88	100	419688	10	445708.656

```
SQL> select max(rowid) from sales2 ;
```

MAX(ROWID)

-----  
AAAVOQAAHAAABfPAAK

```
SQL> select * from sales2 where rowid=(Select max(rowid) from sales2);
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product21	4196.88	100	419688	10	445708.656

```
SQL> select * from sales2 ;
```

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	35308.22	663	23409349.9	21	21822195.9
Product21	4196.88	100	419688	10	445708.656

21 rows selected.

```
SQL> edit
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;

SQL> @
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql
;
```

Trigger created.

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

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

Trigger created.

SQL> select \* from sales2;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0

Product11	56	65	3640	35	2791.88
PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-----	-----	-----	-----	-----	-----
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716
Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	35308.22	663	23409349.9	21	21822195.9
Product21	4196.88	100	419688	10	445708.656

21 rows selected.

SQL> insert into sales2 values(null,20,200,null,20,null);

1 row created.

SQL> select \* from sales2 where rowid = (Select max(rowid) from sales2);

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-----	-----	-----	-----	-----	-----
Product22	20	200	4000	20	3776

SQL> update sales2 set quantity = 30 where rowid =(Select max(rowid) from sales2);

1 row updated.

SQL> select \* from sales2 where rowid = (Select max(rowid) from sales2);

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
-----	-----	-----	-----	-----	-----
Product22	2706.23	30	81186.9	20	76640.4336

SQL> delete from sales2 where rowid = (Select max(rowid) from sales2);  
 delete from sales2 where rowid = (Select max(rowid) from sales2)  
 \*

ERROR at line 1:

ORA-00903: invalid table name

SQL> delete from sales2 where rowid = (Select max(rowid) from sales2);

1 row deleted.

SQL> select \* from sales2 where rowid = (Select max(rowid) from sales2);

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product21	4196.88	100	419688	10	445708.656

SQL> edit  
C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig3.sql;  
;

SQL> edit  
C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig5.sql;  
;

SQL> @  
C:\Users\Ayush\Desktop\DATA\_SCIENTIST\ORACLE\_AND\_MONGODB\PRACTISE\TRIGGER\trig5.sql;  
;

Trigger created.

SQL> update sales2 set finalamount = 5500 where rowid = (Select max(rowid) from sales2);

1 row updated.

SQL> select \* from sales2 where rowid=(Select max(rowid) from sales2);

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product21	4196.88	100	419688	10	445708.656

SQL> select \* from sales2 ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Notebook	100	10	1000	7	1121
Pen	15	20	300	7	0
Bag	1200	2	2400	7	2548.8
Calculator	29	1	800	7	0
Water Bottle	300	3	900	7	0
Pencil Box	150	5	600	7	0
Geometry Box	220	2	440	7	0
Register	120	6	720	7	0
Laptop Stand	1500	1	1500	7	1593
Mouse	600	2	1200	7	0
Product11	56	65	3640	35	2791.88

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product12	34	65	2210	35	1695.07
Product13	34	65	2210	78	573.716
Product14	34	65	2210	78	573.716

Product15	34	54	1836	78	476.6256
Product16	34	54	1836	12	1906.5024
NewRecord1	312	123	38376	10	40755.312
NewRecord2	567	153	86751	20	81892.944
NewRecord3	566	654	370164	21	331963.075
NewRecord3	35308.22	663	23409349.9	21	21822195.9
Product21	4196.88	100	419688	10	445708.656

21 rows selected.

```
SQL> edit  
C:\Users\Ayush\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\PRACTISE\TRIGGER\trig5.sql  
;
```