

SQL*Plus: Release 21.0.0.0.0 - Production on Fri Dec 26 01:05:56 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		

40 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> insert into sales2 values (null,98,12,null,8,null);

1 row created.

```
SQL> select * from sales2 having count(pname);
select * from sales2 having count(pname)
                                     *
```

ERROR at line 1:

ORA-00920: invalid relational operator

```
SQL> select * from sales2 having count(pname)=max(count(pname));;
select * from sales2 having count(pname)=max(count(pname));
                                     *
```

ERROR at line 1:

ORA-00935: group function is nested too deeply

```
SQL> select * from sales2 having count(pname)=max(count(pname));
select * from sales2 having count(pname)=max(count(pname))
                                     *
```

ERROR at line 1:
ORA-00935: group function is nested too deeply

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

41 rows selected.

```
SQL> insert into sales2 values (null,98,12,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
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Product32	67	4	268	5	0
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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		

42 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> insert into sales2 values (null,98,12,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
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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		

43 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> insert into sales2 values (null,98,12,null,3,null);
```

1 row created.

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

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

1	Notebook 500	10	50	10	18
2	Pen 300	20	15	5	18
3	Bag 2400	2	1200	15	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

4	Calculator 800	1	800	12	18
5	Water Bottle 900	3	300	8	18
6	Pencil Box 600	4	150	5	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

7	Geometry Box 440	2	220	10	18
8	Register 720	6	120	7	18

9 Laptop Stand 1500	1	1500	18	18
------------------------	---	------	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

10 Mouse 1200	2	600	10	18
------------------	---	-----	----	----

11 Keyboard 1200	1	1200	12	18
---------------------	---	------	----	----

12 USB Drive 3500	5	700	15	18
----------------------	---	-----	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

13 Headphones 2500	1	2500	20	18
-----------------------	---	------	----	----

14 Charger 1800	2	900	10	18
--------------------	---	-----	----	----

15 Power Bank 1800	1	1800	15	18
-----------------------	---	------	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

16 Tablet Cover 1950	3	650	8	18
-------------------------	---	-----	---	----

17 Desk Lamp 1400	1	1400	12	18
----------------------	---	------	----	----

18 Whiteboard 2200	1	2200	18	18
-----------------------	---	------	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

19 Marker Set 700	2	350	5	18
20 Office Chair 7500	1	7500	20	18
21 Table 3300	3	1100	21	18

21 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	

44 rows selected.

SQL> edit

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SQL> @

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

Trigger created.

SQL> insert into sales2 values (null,9,12,null,null,null);

1 row created.

SQL> select * from sales ;

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST
1	Notebook	10	50	10	18
2	Pen	20	15	5	18
3	Bag	2	1200	15	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

4	Calculator 800	1	800	12	18
5	Water Bottle 900	3	300	8	18
6	Pencil Box 600	4	150	5	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

7	Geometry Box 440	2	220	10	18
8	Register 720	6	120	7	18
9	Laptop Stand 1500	1	1500	18	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

10	Mouse 1200	2	600	10	18
11	Keyboard 1200	1	1200	12	18
12	USB Drive 3500	5	700	15	18

SID	PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT					

13	Headphones 2500	1	2500	20	18

14 Charger 1800	2	900	10	18
--------------------	---	-----	----	----

15 Power Bank 1800	1	1800	15	18
-----------------------	---	------	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

16 Tablet Cover 1950	3	650	8	18
-------------------------	---	-----	---	----

17 Desk Lamp 1400	1	1400	12	18
----------------------	---	------	----	----

18 Whiteboard 2200	1	2200	18	18
-----------------------	---	------	----	----

SID PNAME	QUANTITY	PPUNIT	DISCOUNT	GST

INITIALAMOUNT				

19 Marker Set 700	2	350	5	18
----------------------	---	-----	---	----

20 Office Chair 7500	1	7500	20	18
-------------------------	---	------	----	----

21 Table 3300	3	1100	21	18
------------------	---	------	----	----

21 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		

45 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> insert into sales2 values (null,98,12,null,0,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		
Product46	98	12	1176	0	1387.68

46 rows selected.

```
SQL> insert into sales2 values (null,98,12,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		
Product46	98	12	1176	0	1387.68
Product47	98	12	1176		

47 rows selected.


```
SQL> insert into sales2 values (null,34,12,null,3,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
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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		
Product46	98	12	1176	0	1387.68
Product47	98	12	1176		
Product48	34	12	408	3	466.9968

48 rows selected.

```
SQL> select * from sales2 fetch last 15 rows only ;
select * from sales2 fetch last 15 rows only
      *
```

ERROR at line 1:

ORA-00933: SQL command not properly ended

```
SQL> select * from sales2 fetch first 15 rows only ;
```

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
------------	------	---	------	----	--------

15 rows selected.

SQL> select * from sales2 order by iamt desc fetch first 15 rows only ;

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product36	87	32			
Product37	87	32			
Office Chair	7500	1	7500	19	7168.5
Chair	1300	5	5200	15	5215.6
Product33	65	65	4225	15	4237.675
USB Drive	700	5	3500	12	3634.4
Table	1100	3	3300	12	3426.72
Product35	87	32	2784		
Product40	87	32	2784		
Product39	87	32	2784		
Product38	87	32	2784	7	3055.1616

PNAME	PPUNIT	QUANTITY	IAMT	DISCOUNT	FINALAMOUNT
Product30	21	45	2520	10	2676.24
Headphones	2500	1	2500	10	2655
Product34	32	78	2496	10	2650.752
Bag	1200	2	2400	10	2548.8

15 rows selected.

SQL>

SQL>

SQL>

SQL>

SQL>