SQL\*Plus: Release 11.2.0.2.0 Production on Sat Jun 28 12:51:09 2025

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SQL> connect arhan

Enter password:

ERROR:

ORA-28002: the password will expire within 7 days

Connected.

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 Category,

7 Price,

8 ROW\_NUMBER() OVER (PARTITION BY Category ORDER BY Price DESC) AS RowNum

9 FROM Products

10 )

11 WHERE RowNum <= 3;

ROW\_NUMBER() OVER (PARTITION BY Category ORDER BY Price DESC) AS RowNum

\*

ERROR at line 8:

ORA-00923: FROM keyword not found where expected

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 Category,

7 Price,

8 ROW\_NUMBER() OVER (PARTITION BY Category ORDER BY Price DESC) AS RowNum

9 FROM Products

10 )

11 WHERE RowNum <= 3;

ROW\_NUMBER() OVER (PARTITION BY Category ORDER BY Price DESC) AS RowNum

\*

ERROR at line 8:

ORA-00923: FROM keyword not found where expected

SQL>

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 ROW\_NUMBER() OVER (ORDER BY Price DESC) AS RowNum

7 FROM Products

8 )

9 WHERE RowNum <= 3;

ROW\_NUMBER() OVER (ORDER BY Price DESC) AS RowNum

\*

ERROR at line 6:

ORA-00923: FROM keyword not found where expected

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 Price,

7 ROW\_NUMBER() OVER (ORDER BY Price DESC) AS Row\_Number

8 FROM Products

9 )

10 WHERE Row\_Number <= 3;

no rows selected

SQL> CREATE TABLE Products (

2 ProductID NUMBER,

3 ProductName VARCHAR2(100),

4 Category VARCHAR2(50),

5 Price NUMBER

6 );

CREATE TABLE Products (

\*

ERROR at line 1:

ORA-00955: name is already used by an existing object

SQL>

SQL> INSERT INTO Products VALUES (1, 'Laptop', 'Electronics', 1000);

1 row created.

SQL> INSERT INTO Products VALUES (2, 'Phone', 'Electronics', 800);

1 row created.

SQL> INSERT INTO Products VALUES (3, 'TV', 'Electronics', 1200);

1 row created.

SQL> INSERT INTO Products VALUES (4, 'Blender', 'Home', 150);

1 row created.

SQL> INSERT INTO Products VALUES (5, 'Microwave', 'Home', 200);

1 row created.

SQL> INSERT INTO Products VALUES (6, 'Toaster', 'Home', 80);

1 row created.

SQL> INSERT INTO Products VALUES (7, 'Monitor', 'Electronics', 500);

1 row created.

SQL> INSERT INTO Products VALUES (8, 'Air Conditioner', 'Home', 1200);

1 row created.

SQL> COMMIT;

Commit complete.

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 Price,

7 ROW\_NUMBER() OVER (ORDER BY Price DESC) AS Row\_Number

8 FROM Products

9 )

10 WHERE Row\_Number <= 3;

PRODUCTID

----------

PRODUCTNAME

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

PRICE ROW\_NUMBER

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

3

TV

1200 1

8

Air Conditioner

1200 2

PRODUCTID

----------

PRODUCTNAME

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

PRICE ROW\_NUMBER

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

1

Laptop

1000 3

SQL> SELECT \*

2 FROM (

3 SELECT

4 ProductID,

5 ProductName,

6 Category,

7 Price,

8 ROW\_NUMBER() OVER (PARTITION BY Category ORDER BY Price DESC) AS Row\_Number

9 FROM Products

10 )

11 WHERE Row\_Number <= 3;

PRODUCTID

----------

PRODUCTNAME

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

CATEGORY PRICE ROW\_NUMBER

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

3

TV

Electronics 1200 1

1

Laptop

Electronics 1000 2

PRODUCTID

----------

PRODUCTNAME

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

CATEGORY PRICE ROW\_NUMBER

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

2

Phone

Electronics 800 3

8

Air Conditioner

PRODUCTID

----------

PRODUCTNAME

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

CATEGORY PRICE ROW\_NUMBER

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

Home 1200 1

5

Microwave

Home 200 2

4

PRODUCTID

----------

PRODUCTNAME

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

CATEGORY PRICE ROW\_NUMBER

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

Blender

Home 150 3

6 rows selected.