

SQL\*Plus: Release 11.2.0.4.0 Production on Mon Jan 6 20:08:35 2025

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Enter user-name: system

Enter password:

ERROR:

ORA-28002: the password will expire within 7 days

Connected to:

Oracle Database 11g Enterprise Edition Release 11.2.0.4.0 - 64bit Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL> CREATE TABLE employees (

2 id NUMBER PRIMARY KEY,

3 name VARCHAR2(100),

4 hire\_date DATE

5 );

Table created.

SQL> ALTER TABLE employees ADD salary NUMBER;

Table altered.

SQL> DROP TABLE employees;

Table dropped.

SQL> TRUNCATE TABLE employees;

TRUNCATE TABLE employees

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> CREATE TABLE employees (

2 id NUMBER PRIMARY KEY,

3 name VARCHAR2(100),

4 hire\_date DATE

5 );

Table created.

SQL> ALTER TABLE employees ADD salary NUMBER;

Table altered.

SQL> TRUNCATE TABLE employees;

Table truncated.

SQL> RENAME employees TO staff;

Table renamed.

SQL> RENAME staff TO employees;

Table renamed.

SQL> COMMENT ON TABLE employees IS 'Stores employee details';

Comment created.

SQL> INSERT INTO employees (id, name, hire\_date)

2 VALUES (1, 'John Doe', SYSDATE);

1 row created.

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES (1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000);

INSERT INTO employees (id, name, hire\_date, salary)

\*

ERROR at line 1:

ORA-00001: unique constraint (SYSTEM.SYS\_C0011099) violated

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES (2, 'Jane Smith', TO\_DATE('2025-01-02', 'YYYY-MM-DD'), 55000);

1 row created.

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES (3, 'Alice Brown', TO\_DATE('2025-01-03', 'YYYY-MM-DD'), 60000);

1 row created.

SQL> select \* from employees

2 SELECT \* FROM employees;

SELECT \* FROM employees

\*

ERROR at line 2:

ORA-00933: SQL command not properly ended

SQL> SELECT \* FROM employees;

ID

----------

NAME

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

HIRE\_DATE SALARY

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

1

John Doe

06-JAN-25

2

Jane Smith

02-JAN-25 55000

ID

----------

NAME

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

HIRE\_DATE SALARY

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

3

Alice Brown

03-JAN-25 60000

SQL> MERGE INTO employees e

2 USING (SELECT 1 AS id, 'Jane Doe' AS name FROM dual) src

3 ON (e.id = src.id)

4

SQL> WHEN MATCHED THEN

SP2-0734: unknown command beginning "WHEN MATCH..." - rest of line ignored.

SQL> UPDATE SET e.name = src.name

2 WHEN NOT MATCHED THEN

3 INSERT (id, name) VALUES (src.id, src.name);

UPDATE SET e.name = src.name

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES

3 (1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

4 (2, 'Jane Smith', TO\_DATE('2025-01-02', 'YYYY-MM-DD'), 55000),

5 (3, 'Alice Brown', TO\_DATE('2025-01-03', 'YYYY-MM-DD'), 60000);

(1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

\*

ERROR at line 3:

ORA-00933: SQL command not properly ended

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES

3 (1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

4 (2, 'Jane Smith', TO\_DATE('2025-01-02', 'YYYY-MM-DD'), 55000),

5 (3, 'Alice Brown', TO\_DATE('2025-01-03', 'YYYY-MM-DD'), 60000);

(1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

\*

ERROR at line 3:

ORA-00933: SQL command not properly ended

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 VALUES

3 (1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

4 (2, 'Jane Smith', TO\_DATE('2025-01-02', 'YYYY-MM-DD'), 55000),

5 (3, 'Alice Brown', TO\_DATE('2025-01-03', 'YYYY-MM-DD'), 60000);

(1, 'John Doe', TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 50000),

\*

ERROR at line 3:

ORA-00933: SQL command not properly ended

SQL> INSERT INTO employees (id, name, hire\_date, salary)

2 SELECT id, name, hire\_date, salary

3 FROM temp\_employees;

FROM temp\_employees

\*

ERROR at line 3:

ORA-00942: table or view does not exist

SQL> Create table products (Product\_ID number primary key, Product\_Name varcharr(100), Category char(100), Price)

2 Create table products (Product\_ID number primary key, Product\_Name varcharr(100), Category char(100), Price char(10))

3 CREATE TABLE Products (

4 Product\_ID number PRIMARY KEY,

5 Product\_Name varchar(100),

6 Category varchar(100),

7 Price number(10, 2)

8 );

Create table products (Product\_ID number primary key, Product\_Name varcharr(100), Category char(100), Price)

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL>

SQL> CREATE TABLE Products (

2 Product\_ID number PRIMARY KEY,

3 Product\_Name varchar(100),

4 Category varchar(100),

5 Price number(10, 2)

6 );

Table created.

SQL>

SQL> INSERT INTO products (Product\_ID, Product\_Name, Category, Price)

2 VALUES (101, 'Laptop', 'Electronics', 1000);

1 row created.

SQL> INSERT INTO products (Product\_ID, Product\_Name, Category, Price)

2 VALUES (102, 'Smartphone', 'Electronics', 700);

1 row created.

SQL> INSERT INTO products (Product\_ID, Product\_Name, Category, Price)

2 VALUES (103, 'Coffee Maker', 'Appliances', 80);

1 row created.

SQL> select \* from products;

PRODUCT\_ID

----------

PRODUCT\_NAME

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

CATEGORY

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

PRICE

----------

101

Laptop

Electronics

1000

PRODUCT\_ID

----------

PRODUCT\_NAME

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

CATEGORY

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

PRICE

----------

102

Smartphone

Electronics

700

PRODUCT\_ID

----------

PRODUCT\_NAME

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

CATEGORY

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

PRICE

----------

103

Coffee Maker

Appliances

80

SQL> CREATE TABLE Products (

2 2 Product\_ID number PRIMARY KEY,

3 3 Product\_Name varchar(100),

4 4 Category varchar(100),

5 5 Price number(10, 2)

6 5 Price number(10, 2)

7

SQL>

SQL> CREATE TABLE products (

2 Product\_ID NUMBER PRIMARY KEY,

3 Product\_Name VARCHAR2(100),

4 Category VARCHAR2(100),

5 Price VARCHAR2(10)

6 );

CREATE TABLE products (

\*

ERROR at line 1:

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

SQL> CREATE TABLE products (

2 Product\_ID NUMBER PRIMARY KEY,

3 Product\_Name VARCHAR2(100),

4 Category VARCHAR2(100),

5 Price VARCHAR2(10)

6 );

CREATE TABLE products (

\*

ERROR at line 1:

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

SQL> CREATE TABLE products (

2 Product\_ID NUMBER PRIMARY KEY,

3 Product\_Name VARCHAR2(100),

4 Category VARCHAR2(100),

5 Price VARCHAR2(10)

6 );

CREATE TABLE products (

\*

ERROR at line 1:

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

SQL> CREATE TABLE students (

2 Student\_ID NUMBER PRIMARY KEY,

3 Name VARCHAR2(100),

4 Enrollment\_Date DATE

5 );

Table created.

SQL> INSERT INTO students (Student\_ID, Name, Enrollment\_Date)

2 SELECT 1001, 'Alice Johnson', TO\_DATE('2025-01-05', 'YYYY-MM-DD') FROM dual

3 UNION ALL

4 SELECT 1002, 'Bob Smith', TO\_DATE('2025-01-06', 'YYYY-MM-DD') FROM dual

5 UNION ALL

6 SELECT 1003, 'Charlie Brown', TO\_DATE('2025-01-07', 'YYYY-MM-DD') FROM dual;

3 rows created.

SQL> select \* from students;

STUDENT\_ID

----------

NAME

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

ENROLLMEN

---------

1001

Alice Johnson

05-JAN-25

1002

Bob Smith

06-JAN-25

STUDENT\_ID

----------

NAME

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

ENROLLMEN

---------

1003

Charlie Brown

07-JAN-25

SQL> INSERT INTO employees (Employee\_ID, Name, Hire\_Date, Salary)

2 SELECT Employee\_ID, Full\_Name, Hire\_Date, Salary

3 FROM backup\_employees;

FROM backup\_employees

\*

ERROR at line 3:

ORA-00942: table or view does not exist

SQL> CREATE TABLE sales\_summary (

2 Product\_ID NUMBER PRIMARY KEY,

3 Total\_Revenue NUMBER

4 );

Table created.

SQL> INSERT INTO sales\_summary (Product\_ID, Total\_Revenue)

2 SELECT Product\_ID, Quantity\_Sold \* 20

3 FROM sales\_data;

FROM sales\_data

\*

ERROR at line 3:

ORA-00942: table or view does not exist

SQL> INSERT INTO sales\_summary (Product\_ID, Total\_Revenue)

2 SELECT Product\_ID, Quantity\_Sold \* 20

3 FROM sales\_data;

FROM sales\_data

\*

ERROR at line 3:

ORA-00942: table or view does not exist

SQL> INSERT INTO sales\_summary (Product\_ID, Total\_Revenue)

2 SELECT Product\_ID, Quantity\_Sold \* 20

3 FROM sales\_data;

FROM sales\_data

\*

ERROR at line 3:

ORA-00942: table or view does not exist

SQL> CREATE TABLE sales\_data (

2 Product\_ID NUMBER PRIMARY KEY,

3 Quantity\_Sold NUMBER

4 );

Table created.

SQL> INSERT INTO sales\_data (Product\_ID, Quantity\_Sold) VALUES (1, 50);

1 row created.

SQL> INSERT INTO sales\_data (Product\_ID, Quantity\_Sold) VALUES (2, 30);

1 row created.

SQL> INSERT INTO sales\_summary (Product\_ID, Total\_Revenue)

2 SELECT Product\_ID, Quantity\_Sold \* 20

3 FROM sales\_data;

2 rows created.

SQL> CREATE TABLE books (

2 Book\_ID NUMBER PRIMARY KEY,

3 Title VARCHAR2(100),

4 Author VARCHAR2(100),

5 Price NUMBER

6 );

Table created.

SQL> INSERT INTO books (Book\_ID, Title, Author, Price) VALUES (1, 'The Great Gatsby', 'F. Scott', 300);

1 row created.

SQL> INSERT INTO books (Book\_ID, Title, Author, Price) VALUES (2, 'To Kill a Mockingbird', 'Harper Lee', 350);

1 row created.

SQL> select \* from books;

BOOK\_ID

----------

TITLE

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

AUTHOR

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

PRICE

----------

1

The Great Gatsby

F. Scott

300

BOOK\_ID

----------

TITLE

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

AUTHOR

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

PRICE

----------

2

To Kill a Mockingbird

Harper Lee

350

SQL> CREATE TABLE employees\_backup AS

2 SELECT \*

3 FROM employees

4 WHERE 1=0;

Table created.

SQL> INSERT INTO employees\_backup

2 SELECT \*

3 FROM employees;

3 rows created.

SQL> SELECT \*

2 FROM employees\_backup;

ID

----------

NAME

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

HIRE\_DATE SALARY

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

1

John Doe

06-JAN-25

2

Jane Smith

02-JAN-25 55000

ID

----------

NAME

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

HIRE\_DATE SALARY

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

3

Alice Brown

03-JAN-25 60000

SQL>