```
SQL> create table emp(ID NUMBER(4),NAME VARCHAR(10),AGE NUMBER(3));

Table created.

SQL> desc emp;
 Name                          Null?   Type
 ----------------------------------------- -------- ---------------------------
 ID                            NUMBER(4)
 NAME                          VARCHAR2(10)
 AGE                           NUMBER(3)

SQL> insert into emp values(&ID,'&NAME',&AGE);
Enter value for id: 1
Enter value for name: SANTHU
Enter value for age: 21
old   1: insert into emp values(&ID,'&NAME',&AGE)
new   1: insert into emp values(1,'SANTHU',21)

1 row created.

SQL> /
Enter value for id: 2
Enter value for name: SAHITI
Enter value for age: 20
old   1: insert into emp values(&ID,'&NAME',&AGE)
new   1: insert into emp values(2,'SAHITI',20)

1 row created.

SQL> select*from emp;
```

```
        ID NAME        AGE
---------- ---------- ----------
        1 SANTHU        21
        2 SAHITI        20
```

SQL> alter table emp add(SALARY NUMBER(8));

Table altered.

SQL> select*from emp;

```
        ID NAME        AGE   SALARY
---------- ---------- ---------- ----------
        1 SANTHU        21
        2 SAHITI        20
```

SQL> update table emp set salary=50000 where ID=1;
update table emp set salary=50000 where ID=1
      *
ERROR at line 1:
ORA-00903: invalid table name

SQL> update emp set salary=50000 where ID=1;

1 row updated.

SQL> update emp set salary=58000 where ID=2;

1 row updated.

```
SQL> select*from emp;


     ID NAME         AGE    SALARY
---------- ---------- ---------- ----------
      1 SANTHU       21    50000
      2 SAHITI       20    58000


SQL> COMMIT;


Commit complete.


SQL> rollback;


Rollback complete.


SQL> select*from emp;


     ID NAME         AGE    SALARY
---------- ---------- ---------- ----------
      1 SANTHU       21    50000
      2 SAHITI       20    58000


SQL> update emp set age=21 where id=2;


1 row updated.


SQL> select*from emp;


     ID NAME         AGE    SALARY
---------- ---------- ---------- ----------
      1 SANTHU       21    50000
```

```
       2 SAHITI        21    58000


SQL> rollback;


Rollback complete.


SQL> select*from emp;


    ID NAME          AGE    SALARY
---------- ---------- ---------- ----------
     1 SANTHU         21    50000
     2 SAHITI         20    58000


SQL> select * from emp ORDER BY AGE;


    ID NAME          AGE    SALARY
---------- ---------- ---------- ----------
     2 SAHITI         20    58000
     1 SANTHU         21    50000


SQL> select * from emp ORDER BY SALARY;


    ID NAME          AGE    SALARY
---------- ---------- ---------- ----------
     1 SANTHU         21    50000
     2 SAHITI         20    58000


SQL> select * from emp GROUP  BY SALARY AND AGE;
select * from emp GROUP  BY SALARY AND AGE
                  *
ERROR at line 1:
```

ORA-00933: SQL command not properly ended

SQL> SELECT * FROM emp GROUP BY salary, age;

SELECT * FROM emp GROUP BY salary, age

     *

ERROR at line 1:

ORA-00979: not a GROUP BY expression

SQL> SELECT * FROM emp GROUP BY salary,ID;

SELECT * FROM emp GROUP BY salary,ID

     *

ERROR at line 1:

ORA-00979: not a GROUP BY expression

SQL> SELECT salary, age FROM emp GROUP BY salary, age;


```
  SALARY      AGE
---------- ----------
    50000       21
    58000       20
```


SQL> alter table emp drop column age;

Table altered.

SQL> select*from emp;


```
    ID NAME       SALARY
```

```
---------- ---------- ----------
         1 SANTHU        50000
         2 SAHITI        58000


SQL> select*from emp;


     ID NAME         SALARY
---------- ---------- ----------
         1 SANTHU        50000
         2 SAHITI        58000


SQL> select min(salary) from emp;


MIN(SALARY)
-----------
     50000


SQL> select max(*) from emp;
select max(*) from emp
          *
ERROR at line 1:
ORA-00936: missing expression



SQL> select max from emp;
select max from emp
     *
ERROR at line 1:
ORA-00904: "MAX": invalid identifier
```

```
SQL> select * from emp where min(salary);
select * from emp where min(salary)
              *
ERROR at line 1:
ORA-00934: group function is not allowed here


SQL> SELECT * FROM emp WHERE MIN(salary);
SELECT * FROM emp WHERE MIN(salary)
               *
ERROR at line 1:
ORA-00934: group function is not allowed here


SQL> SELECT * FROM emp
  2  WHERE salary = (SELECT MIN(salary) FROM emp);

      ID NAME        SALARY
---------- ---------- ----------
       1 SANTHU       50000

SQL> select max(id) from emp;

   MAX(ID)
----------
        2

SQL> select avg(id) from emp;

   AVG(ID)
```

    1.5

SQL> select sum(id) from emp;

  SUM(ID)

    3

SQL> select count(id) from emp;

 COUNT(ID)

    2

SQL>CREATE TABLE employees2(

   id INT PRIMARY KEY,

   name VARCHAR(50),

   department VARCHAR(50),

   email VARCHAR(100),

   salary INT

);

INSERT INTO employees2(id, name, department, email, salary) VALUES

(1, 'Alice Johnson', 'HR', 'alice.hr@example.com', 50000),

(2, 'Bob Smith', 'IT', 'bob.it@example.com', 60000),

(3, 'Charlie Brown', 'Finance', 'charlie.finance@example.com', 55000),

(4, 'David Lee', 'IT', 'david.it@example.com', 70000),

(5, 'Eve Adams', 'Marketing', 'eve.marketing@example.com', 52000);

SQL> select * from employee2;

```
select * from employee2
        *
ERROR at line 1:
ORA-00942: table or view does not exist



SQL> select * from employees2;


        ID NAME
---------- --------------------------------------------------
DEPARTMENT
------------------------------------------------
EMAIL
--------------------------------------------------------------------------------
    SALARY
----------
         1 Alice Johnson
HR
alice.hr@example.com
     50000



        ID NAME
---------- --------------------------------------------------
DEPARTMENT
------------------------------------------------
EMAIL
--------------------------------------------------------------------------------
    SALARY
----------
         2 Bob Smith
```

IT

bob.it@example.com

   60000

      ID NAME

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

DEPARTMENT

EMAIL

   SALARY

----

      3 Charlie Brown

Finance

charlie.finance@example.com

   55000

      ID NAME

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

DEPARTMENT

EMAIL

   SALARY

----

      4 David Lee

IT

david.it@example.com

   70000

```
    ID NAME
---------- --------------------------------------------------
DEPARTMENT
------------------------------------------------
EMAIL
--------------------------------------------------------------------------------
    SALARY
----------
      5 Eve Adams
Marketing
eve.marketing@example.com
    52000
```

SQL> SET LINESIZE 200;

SQL> select * from employees2;

```
    ID NAME                      DEPARTMENT
---------- -------------------------------------------------- ------------------------------------------------
EMAIL                                          SALARY
------------------------------------------------------------------------------------- ----------
      1 Alice Johnson              HR
alice.hr@example.com                                 50000


      2 Bob Smith                  IT
bob.it@example.com                                   60000


      3 Charlie Brown              Finance
charlie.finance@example.com                              55000
```

```
        ID NAME                      DEPARTMENT

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

EMAIL                                     SALARY

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

         4 David Lee                  IT

david.it@example.com                                  70000


         5 Eve Adams                  Marketing

eve.marketing@example.com                             52000


SQL> SET LINESIZE 400;

SQL> select * from employees2;


        ID NAME                      DEPARTMENT                    EMAIL
SALARY

---------- -------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ----------
         1 Alice Johnson                HR                      alice.hr@example.com
50000

         2 Bob Smith                   IT                      bob.it@example.com
60000

         3 Charlie Brown                Finance
charlie.finance@example.com        55000

         4 David Lee                   IT                      david.it@example.com
70000

         5 Eve Adams                   Marketing
eve.marketing@example.com          52000


SQL> select upper('santhu') from dual;
```

```
UPPER(
------
SANTHU


SQL> select lower('SAHITI') from dual;


LOWER(
------
sahiti


SQL> select length('SAHITI') from dual;


LENGTH('SAHITI')
----------------
               6


SQL> select ASCII('@') from dual;


ASCII('@')
----------
        64


SQL> select ASCII('8') from dual;


ASCII('8')
----------
        56


SQL> select ASCII('A') from dual;


ASCII('A')
```

```
----------
        65

SQL> select ASCII('a') from dual;


ASCII('A')

----------
        97


SQL> select concat('a','pple') from dual;


CONCA

-----
apple


SQL> select trim(' a','ppl e') from dual;
select trim(' a','ppl e') from dual
            *
ERROR at line 1:
ORA-00907: missing right parenthesis



SQL> select trim('a ppl e') from dual;


TRIM('A

-------
a ppl e


SQL> select trim(' a ppl e') from dual;


TRIM('A
```

```
-------

a ppl e

SQL> select trim(' a ppl e ') from dual;


TRIM('A

-------

a ppl e

SQL> select pad(' a ppl e ') from dual;
select pad(' a ppl e ') from dual
     *
ERROR at line 1:
ORA-00904: "PAD": invalid identifier



SQL> select lpad(' a ppl e ') from dual;
select lpad(' a ppl e ') from dual
     *
ERROR at line 1:
ORA-00938: not enough arguments for function



SQL> SELECT name, LPAD(name, 15, '*') AS padded_name FROM employees2;


NAME                         PADDED_NAME
---------------------------------------------- -----------------------------------------------------------
Alice Johnson                  **Alice Johnson
Bob Smith                    ******Bob Smith
Charlie Brown                  **Charlie Brown
David Lee                    ******David Lee
```

Eve Adams   ******Eve Adams

SQL> SELECT LPAD('SQL', 6, ' ') from dual;

LPAD('

   SQL

SQL> SELECT RPAD('SQL', 6, ' ') from dual;

RPAD('

SQL

SQL> SELECT RPAD('SQL', 6, '1') from dual;

RPAD('

SQL111

SQL> select lpad('apple',4,'1') from dual;

LPAD
----
appl

SQL> select lpad('apple',10,'1') from dual;

LPAD('APPL

11111apple

SQL> select Rpad('apple',10,'1') from dual;

RPAD('APPL

----

apple11111

SQL> select pad('apple',10,'1') from dual;

select pad('apple',10,'1') from dual

     *

ERROR at line 1:

ORA-00904: "PAD": invalid identifier

SQL> select REVERSE('apple') from dual;

REVER

-----

elppa

SQL> select REPLACE('apple','p','k') from dual;

REPLA

Akkle

SQL> select abs(-3.456) from dual;

ABS(-3.456)

```
           -----------
                  3.456


SQL> select abs(3.456) from dual;


ABS(3.456)

----------
                 3.456


SQL> select cos(0) from dual;


    COS(0)

----------
               1


SQL> select sin(90) from dual;


    SIN(90)

----------
.893996664


SQL> select tan(45) from dual;


    TAN(45)

----------
1.61977519


SQL> select atan(45) from dual;


    ATAN(45)

----------
```

1.54857776

SQL> select acos(45) from dual;

select acos(45) from dual

        *

ERROR at line 1:

ORA-01428: argument '45' is out of range

SQL> select acos(1) from dual;

  ACOS(1)

       0

SQL> select atan(1) from dual;

  ATAN(1)

.785398163

SQL> select asin(1) from dual;

  ASIN(1)

1.57079633

SQL> select pi from dual;

select pi from dual

    *

ERROR at line 1:

ORA-00904: "PI": invalid identifier

SQL> select pi() from dual;

select pi() from dual

    *

ERROR at line 1:

ORA-00904: "PI": invalid identifier

SQL> select math.pi() from dual;

select math.pi() from dual

    *

ERROR at line 1:

ORA-00904: "MATH"."PI": invalid identifier

SQL> SELECT ACOS(-1) AS pi_value FROM dual;

 PI_VALUE

3.14159265

SQL> select ceil(1.56) from dual;

CEIL(1.56)

    2

SQL> select floor(1.56) from dual;

```
FLOOR(1.56)
-----------
          1


SQL> select pow(10,2) from dual;
select pow(10,2) from dual
       *
ERROR at line 1:
ORA-00904: "POW": invalid identifier



SQL> select power(10,2) from dual;


POWER(10,2)
-----------
        100


SQL> select power(10,6) from dual;


POWER(10,6)
-----------
    1000000


SQL> select round(1.56) from dual;


ROUND(1.56)
-----------
          2


SQL> select round(1.50) from dual;
```

```
ROUND(1.50)
-----------
         2


SQL> select round(1.49) from dual;


ROUND(1.49)
-----------
         1


SQL> select round(1.4999) from dual;


ROUND(1.4999)
-------------
           1


SQL> select exp(10) from dual;


  EXP(10)
----------
22026.4658


SQL> select exp(1) from dual;


  EXP(1)
----------
2.71828183


SQL> select exp(0) from dual;


  EXP(0)
```

```
----------
         1

SQL> select sign(-12) from dual;

 SIGN(-12)
----------
        -1

SQL> select sign(12) from dual;

 SIGN(12)
----------
         1

SQL> select sign(0) from dual;

  SIGN(0)
----------
         0

SQL> select sign(660) from dual;

 SIGN(660)
----------
         1
SQL> select 30+40 from dual;

   30+40
----------
        70
```

```
SQL> select 30-40 from dual;


     30-40
----------
       -10


SQL> select 3*40 from dual;


      3*40
----------
       120


SQL> select 32/4 from dual;


      32/4
----------
         8


SQL> select 32%5 from dual;
select 32%5 from dual
        *
ERROR at line 1:
ORA-00911: invalid character



SQL> SELECT MOD(32, 5) FROM dual;


  MOD(32,5)
----------
         2
```

```
SQL> select * from employees2;


        ID NAME                              DEPARTMENT                        EMAIL
SALARY
---------- ------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ----------
         1 Alice Johnson                    HR                                alice.hr@example.com
50000
         2 Bob Smith                        IT                                bob.it@example.com
60000
         3 Charlie Brown                    Finance
charlie.finance@example.com          55000
         4 David Lee                        IT                                david.it@example.com
70000
         5 Eve Adams                        Marketing
eve.marketing@example.com            52000


SQL> select * from employees2 where department='IT' AND ID=2;


        ID NAME                              DEPARTMENT                        EMAIL
SALARY
---------- ------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ----------
         2 Bob Smith                        IT                                bob.it@example.com
60000


SQL> select * from employees2 where department='IT' OR ID=2;


        ID NAME                              DEPARTMENT                        EMAIL
SALARY
---------- ------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ----------
         2 Bob Smith                        IT                                bob.it@example.com
60000
```

```
        4 David Lee                IT                      david.it@example.com
70000


SQL> select * from employees2 where department='IT' NAND ID=2;

select * from employees2 where department='IT' NAND ID=2

                          *

ERROR at line 1:

ORA-00933: SQL command not properly ended



SQL> SELECT * FROM employees2

  2  WHERE NOT (department = 'IT' AND ID = 2);


    ID NAME                    DEPARTMENT                  EMAIL
SALARY

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

        1 Alice Johnson          HR                      alice.hr@example.com
50000
        3 Charlie Brown          Finance
charlie.finance@example.com     55000
        4 David Lee              IT                      david.it@example.com
70000
        5 Eve Adams              Marketing
eve.marketing@example.com       52000


SQL> SELECT * FROM employees2 WHERE SALARY > 50000;


    ID NAME                    DEPARTMENT                  EMAIL
SALARY

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

        2 Bob Smith              IT                      bob.it@example.com
60000
```

```
     3 Charlie Brown              Finance
charlie.finance@example.com        55000

     4 David Lee                  IT                          david.it@example.com
70000

     5 Eve Adams                  Marketing
eve.marketing@example.com          52000


SQL> SELECT * FROM employees2 WHERE SALARY < 50000;


no rows selected


SQL> SELECT * FROM employees2 WHERE SALARY !< 50000;

SELECT * FROM employees2 WHERE SALARY !< 50000

                    *

ERROR at line 1:

ORA-00927: missing equal sign



SQL> SELECT * FROM employees2 WHERE SALARY < 55000;


    ID NAME                       DEPARTMENT                  EMAIL
SALARY

---------- -------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------------- ----------
     1 Alice Johnson             HR                          alice.hr@example.com
50000

     5 Eve Adams                 Marketing
eve.marketing@example.com         52000


SQL> SELECT * FROM employees2 WHERE SALARY = 55000;


    ID NAME                       DEPARTMENT                  EMAIL
SALARY
```

```
---------- --------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ----------

         3 Charlie Brown              Finance
charlie.finance@example.com         55000


SQL> SELECT * FROM employees2 WHERE SALARY != 55000;


        ID NAME                    DEPARTMENT                 EMAIL
SALARY

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

         1 Alice Johnson              HR                      alice.hr@example.com
50000

         2 Bob Smith                  IT                      bob.it@example.com
60000

         4 David Lee                  IT                      david.it@example.com
70000

         5 Eve Adams                Marketing
eve.marketing@example.com           52000


SQL> SELECT * FROM employees2 WHERE SALARY <= 55000;


        ID NAME                    DEPARTMENT                 EMAIL
SALARY

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

         1 Alice Johnson              HR                      alice.hr@example.com
50000

         3 Charlie Brown              Finance
charlie.finance@example.com         55000

         5 Eve Adams                Marketing
eve.marketing@example.com           52000


SQL> SELECT * FROM employees2 WHERE SALARY >= 55000;
```

```
        ID NAME                    DEPARTMENT                      EMAIL
SALARY

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

        2 Bob Smith               IT                              bob.it@example.com
60000

        3 Charlie Brown           Finance
charlie.finance@example.com       55000

        4 David Lee               IT                              david.it@example.com
70000


SQL> SELECT * FROM employees2 WHERE NAME='%h';


no rows selected


SQL> SELECT * FROM employees2 WHERE NAME='%a';


no rows selected


SQL> SELECT * FROM employees2 WHERE NAME='%B';


no rows selected


SQL> SELECT * FROM employees2 WHERE NAME='B%';


no rows selected


SQL> SELECT * FROM employees2 WHERE NAME='%B%';


no rows selected


SQL> SELECT * FROM employees2 WHERE NAME='%a%';
```

no rows selected

SQL> SELECT * FROM employees2 WHERE NAME like'%a%';


```
        ID NAME                         DEPARTMENT                     EMAIL
SALARY
---------- --------------------------------------------- ------------------------------------------------- --------
------------------------------------------------------------------------------------- ----------
        3 Charlie Brown              Finance
charlie.finance@example.com        55000
        4 David Lee                  IT                        david.it@example.com
70000
        5 Eve Adams                  Marketing
eve.marketing@example.com          52000
```


SQL> SELECT * FROM employees2 WHERE NAME like'%a';

no rows selected

SQL> SELECT * FROM employees2 WHERE NAME like'a%';

no rows selected

SQL> SELECT * FROM employees2 WHERE NAME like'B%';


```
        ID NAME                         DEPARTMENT                     EMAIL
SALARY
---------- --------------------------------------------- ------------------------------------------------- --------
------------------------------------------------------------------------------------- ----------
        2 Bob Smith                  IT                        bob.it@example.com
60000
```


SQL> SELECT * FROM employees2 WHERE NAME like'B%' and length(name)=9;

```
        ID NAME                     DEPARTMENT                    EMAIL
SALARY

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

        2 Bob Smith                 IT                           bob.it@example.com
60000


SQL> SELECT * FROM employees2 WHERE ID IN 2;


        ID NAME                     DEPARTMENT                    EMAIL
SALARY

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

        2 Bob Smith                 IT                           bob.it@example.com
60000


SQL> SELECT * FROM employees2 WHERE ID NOT(IN 2);

SELECT * FROM employees2 WHERE ID NOT(IN 2)

                     *

ERROR at line 1:

ORA-00920: invalid relational operator



SQL> SELECT * FROM employees2 WHERE ID NOT(IN)2;

SELECT * FROM employees2 WHERE ID NOT(IN)2

                     *

ERROR at line 1:

ORA-00920: invalid relational operator



SQL> SELECT * FROM employees2 WHERE ID NOT(IN) 2;

SELECT * FROM employees2 WHERE ID NOT(IN) 2

                     *
```

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> SELECT * FROM employees2 WHERE ID NOTIN 2;

SELECT * FROM employees2 WHERE ID NOTIN 2

                 *

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> SELECT * FROM employees2 WHERE ID NOT IN (2);

```
    ID NAME                         DEPARTMENT                      EMAIL
SALARY
---------- -------------------------------------------------- -------------------------------------------------- --------
-------------------------------------------------------------------------------------- ---------
      1 Alice Johnson               HR                              alice.hr@example.com
50000
      3 Charlie Brown               Finance
charlie.finance@example.com        55000
      4 David Lee                   IT                              david.it@example.com
70000
      5 Eve Adams                   Marketing
eve.marketing@example.com          52000
```

SQL> SELECT * FROM employees2 WHERE SALARY BETWEEN 55000 TO 70000;

SELECT * FROM employees2 WHERE SALARY BETWEEN 55000 TO 70000

                        *

ERROR at line 1:

ORA-00905: missing keyword

```
SQL>

SQL> SELECT * FROM employees2 WHERE SALARY BETWEEN 55000,70000;

SELECT * FROM employees2 WHERE SALARY BETWEEN 55000,70000
                              *
ERROR at line 1:

ORA-00905: missing keyword


SQL> SELECT * FROM employees2 WHERE SALARY BETWEEN 55000 to 70000;

SELECT * FROM employees2 WHERE SALARY BETWEEN 55000 to 70000
                              *
ERROR at line 1:

ORA-00905: missing keyword


SQL> SELECT * FROM employees2 WHERE SALARY BETWEEN 55000 AND 70000;


    ID NAME                      DEPARTMENT              EMAIL
SALARY
---------- ------------------------------------------- ------------------------------------------------- --------
---------------------------------------------------------------------------------- ----------
    2 Bob Smith                 IT                      bob.it@example.com
60000
    3 Charlie Brown             Finance
charlie.finance@example.com       55000
    4 David Lee                 IT                      david.it@example.com
70000


SQL> SELECT distinct department from employees2;


DEPARTMENT
-------------------------------------------------
HR
```

IT

Finance

Marketing

SQL>

SQL>

SQL> SELECT SYSDATE from dual;

SYSDATE

03-APR-25

SQL> SELECT current_DATE from dual;

CURRENT_D

03-APR-25

SQL> SELECT add_months(SYSDATE,6) from dual;

ADD_MONTH

03-OCT-25

SQL> SELECT LASTDAY(SYSDATE) from dual;

SELECT LASTDAY(SYSDATE) from dual

     *

ERROR at line 1:

ORA-00904: "LASTDAY": invalid identifier

```
SQL> SELECT LAST_DAY(SYSDATE) from dual;


LAST_DAY(

---------

30-APR-25


SQL> SELECT NEXT_DAY(SYSDATE) from dual;
SELECT NEXT_DAY(SYSDATE) from dual
      *
ERROR at line 1:
ORA-00909: invalid number of arguments



SQL> SELECT NEXT_DAY(SYSDATE,'SUNDAY') from dual;


NEXT_DAY(

---------

06-APR-25


SQL> SELECT NEXT_DAY(SYSDATE,'MONDAY') from dual;


NEXT_DAY(

---------

07-APR-25


SQL> SELECT NEXT_DAY(SYSDATE,'CURRENT_DATE') from dual;
SELECT NEXT_DAY(SYSDATE,'CURRENT_DATE') from dual
               *
ERROR at line 1:
ORA-01846: not a valid day of the week
```

```
SQL> SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD') from dual;
SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD') from dual
                              *
ERROR at line 1:
ORA-00907: missing right parenthesis


SQL> SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD')SYSDATE)from dual;
SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD')SYSDATE)from dual
                              *
ERROR at line 1:
ORA-00907: missing right parenthesis


SQL> SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE)from dual;
SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE)from dual
      *
ERROR at line 1:
ORA-00904: "MONTH_BETWEEN": invalid identifier


SQL> SELECT MONTHS_BETWEEN(TO_DATE('2025-01-02', 'YYYY-MM-DD'), SYSDATE) FROM dual;

MONTHS_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE)
-----------------------------------------------------------
                               -3.0569963


SQL> SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE) from dual;
SELECT MONTH_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE) from dual
```

```
         *
ERROR at line 1:
ORA-00904: "MONTH_BETWEEN": invalid identifier


SQL> SELECT MONTHS_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE) from dual;

MONTHS_BETWEEN(TO_DATE('2025-01-02','YYYY-MM-DD'),SYSDATE)
----------------------------------------------------------
                             -3.0570128


SQL> SELECT ROUND(SYSDATE,'MM') from dual;

ROUND(SYS
---------
01-APR-25


SQL> SELECT EXTRACT(YEAR FROM SYSDATE) as year from dual;

      YEAR
----------
      2025


SQL> SELECT Trunc(SYSDATE,'mm')from dual;

TRUNC(SYS
---------
01-APR-25


SQL>
```