SQL> SELECT COUNT(\*) FROM DUAL;

COUNT(\*)

----------

1

SQL> SELECT \* FROM DUAL;

D

-

X

SQL> desc dual;

Name Null? Type

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

DUMMY VARCHAR2(1)

SQL> SELECT 'ABCDEF12345' FROM DUAL;

'ABCDEF1234

-----------

ABCDEF12345

SQL> SELECT 123792.52 FROM DUAL;

123792.52

----------

123792.52

SQL> DELETE FROM DUAL;

DELETE FROM DUAL

\*

ERROR at line 1:

ORA-01031: insufficient privileges

SQL> TRUNCATE TABLE DUAL;

TRUNCATE TABLE DUAL

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> SELECT sysdate FROM DUAL ;

SYSDATE

---------

04-MAR-21

SQL> SELECT 15+10-5\*5/5 FROM DUAL;

15+10-5\*5/5

-----------

20

**STRING FUNCTIONS**

SQL> SELECT CONCAT('Hello' , 'World')

2 FROM dual

3 ;

CONCAT('HE

----------

HelloWorld

SQL> select concat('hello','world') from dual;

CONCAT('HE

----------

helloworld

SQL> SELECT INSTR('hello' , 'e')

2 FROM dual

3 ;

INSTR('HELLO','E')

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

2

SQL> SELECT LENGTH('hello')

2 FROM dual;

LENGTH('HELLO')

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

5

SQL> SELECT RTRIM(' hello ')

2 FROM dual;

RTRIM(

------

hello

SQL> SELECT LTRIM(' hello ')

2 FROM dual;

LTRIM('HE

---------

hello

SQL> SELECT REPLACE('hello' , 'e' , '$')

2 FROM dual

3 ;

REPLA

-----

h$llo

SQL> SELECT REVERSE('hello')

2 FROM dual;

REVER

-----

olleh

SQL> SELECT SUBSTR('hello' , 2,3)

2 FROM dual;

SUB

---

ell

SQL> SELECT LOWER('HELLO')

2 FROM dual;

LOWER

-----

hello

SQL> SELECT UPPER('hello')

2 FROM dual;

UPPER

-----

HELLO

SQL> SELECT INITCAP('hello')

2 FROM dual;

INITC

-----

Hello

SQL> select substr('hello',2);

select substr('hello',2)

\*

ERROR at line 1:

ORA-00923: FROM keyword not found where expected

SQL> select substr('hello',2) from dual;

SUBS

----

ello

SQL> select substr('helloworld',2) from dual;

SUBSTR('H

---------

elloworld

SQL> select substr('helloworld',5,4) from dual;

SUBS

----

owor

**NUMERIC FUNCTIONS**

SQL> SELECT TRUNC(59.9)

2 FROM dual;

TRUNC(59.9)

-----------

59

SQL> SELECT CEIL(59.1)

2 FROM dual;

CEIL(59.1)

----------

60

SQL> SELECT ROUND(59.9)

2 FROM dual;

ROUND(59.9)

-----------

60

SQL> SELECT ROUND(59.1)

2 FROM dual;

ROUND(59.1)

-----------

59

**DATE FUNCTIONS**

SQL> SELECT ADD\_MONTHS('05-JAN-2020',4) FROM DUAL;

ADD\_MONTH

---------

05-MAY-20

SQL> select current\_date from dual;

CURRENT\_D

---------

04-MAR-21

SQL> select current\_timestamp from dual;

CURRENT\_TIMESTAMP

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

04-MAR-21 12.48.13.679000 PM +05:30

SQL> select extract(year from sysdate) from dual;

EXTRACT(YEARFROMSYSDATE)

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

2021

SQL> select extract(day from sysdate) from dual;

EXTRACT(DAYFROMSYSDATE)

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

4

SQL> select extract(month from sysdate) from dual;

EXTRACT(MONTHFROMSYSDATE)

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

3

SQL> SELECT LAST\_DAY('15-AUG-2014') from dual;

LAST\_DAY(

---------

31-AUG-14

SQL> SELECT LAST\_DAY('15-feb-2020') from dual;

LAST\_DAY(

---------

29-FEB-20

SQL> SELECT MONTHS\_BETWEEN('01-MAY-2020','01-JAN-2020') FROM DUAL;

MONTHS\_BETWEEN('01-MAY-2020','01-JAN-2020')

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

4

SQL> select sysdate from dual;

SYSDATE

---------

04-MAR-21

SQL> SELECT SQRT(4) FROM DUAL;

SQRT(4)

----------

2

SQL> SELECT power(4,2) from dual;

POWER(4,2)

----------

16