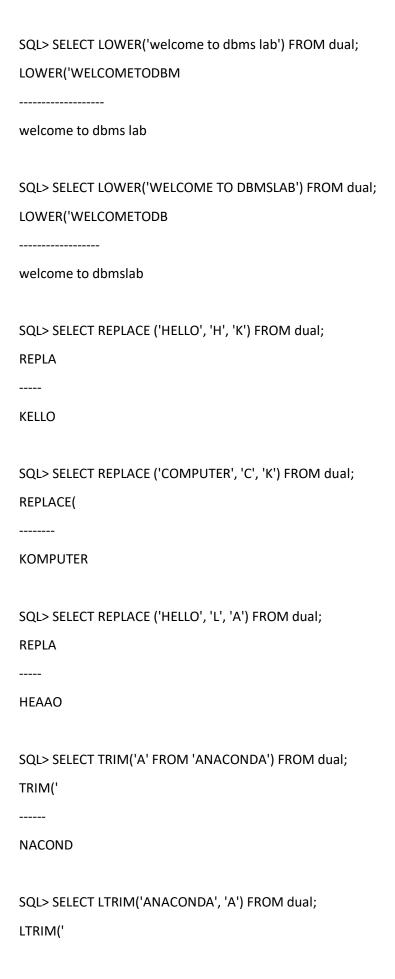
Question: Perform the String Functions, Date functions and Mathematical functions supported.

SQL> SELECT ASCII('t') FROM dual;
ASCII('T')

116
SQL> SELECT ASCII('a') FROM dual;
ASCII('A')
97
SQL> SELECT ASCII('A') FROM dual;
ASCII('A')
65
SQL> SELECT ASCII('Z') FROM dual;
ASCII('Z')
90
SQL> SELECT ASCII('z') FROM dual;
ASCII('Z')
122
SQL> SELECT UPPER('bldea sb art and kcp science college') FROM dual;
UPPER('BLDEASBARTANDKCPSCIENCECOLLEG
BLDEA SB ART AND KCP SCIENCE COLLEGE



NACONDA
SQL> SELECT RTRIM('ANITA', 'A') FROM dual;
RTRI
ANIT
SQL> SELECT LTRIM('ANIL', 'A') FROM dual;
LTR
NIL
SQL> SELECT RTRIM('ANACONDA', 'A') FROM dual;
RTRIM('
ANACOND
SQL> SELECT CURRENT_DATE FROM dual;
CURRENT_D
07-OCT-22
SQL> SELECT EXTRACT(YEAR FROM SYSDATE) FROM dual;
EXTRACT(YEARFROMSYSDATE)
2022
SQL> SELECT EXTRACT(DAY FROM SYSDATE) FROM dual;
EXTRACT(DAYFROMSYSDATE)

SQL> SELECT EXTRACT(MONTH FROM SYSDATE) FROM dual;
EXTRACT(MONTHFROMSYSDATE)
10
SQL> SELECT SYSDATE FROM dual;
SYSDATE
07-OCT-22
SQL> SELECT ABS(-100) FROM dual;
ABS(-100)
100
SQL> SELECT ABS(-6) FROM dual; ABS(-6)
6
SQL> SELECT FLOOR(2345.78) FROM dual;
FLOOR(2345.78)
2345
SQL> SELECT GREATEST(23, 67, 90, 123, 78, 50) FROM dual;
GREATEST(23,67,90,123,78,50)
123

SQL> SELECT LEAST(34, 21,67,11,89,9) FROM DUAL;

```
LEAST(34,21,67,11,89,9)
          9
SQL> SELECT LENGTH('RAJESHWARI') FROM dual;
LENGTH('RAJESHWARI')
        10
SQL> SELECT LENGTH(17245637) FROM dual;
LENGTH(17245637)
       8
SQL> SELECT SQRT(16) FROM dual;
SQRT(16)
-----
    4
SQL> SELECT SQRT(99) FROM dual;
SQRT(99)
-----
9.94987437
SQL> SELECT POWER(2, 4) FROM dual;
POWER(2,4)
   16
SQL> SELECT POWER(2, 10) FROM dual;
POWER(2,10)
```

```
SQL> SELECT ROUND(5.86) FROM dual;
ROUND(5.86)
    6
SQL> SELECT ROUND(1001.6) FROM dual;
ROUND(1001.6)
-----
    1002
SQL> SELECT ROUND(1001.3) FROM dual;
ROUND(1001.3)
    1001
SQL> SELECT SIN(90) FROM dual;
 SIN(90)
.893996664
SQL> SELECT COS(45) FROM dual;
 COS(45)
-----
.525321989
SQL> SELECT TAN(30) FROM dual;
 TAN(30)
-6.4053312
```

```
SQL> SELECT TAN(90) FROM dual;
 TAN(90)
-----
-1.9952004
SQL> SELECT TAN(180) FROM dual;
TAN(180)
1.33869021
SQL> SELECT SIGN(-128) FROM dual;
SIGN(-128)
   -1
SQL> SELECT SIGN(10) FROM dual;
SIGN(10)
    1
SQL> SELECT SIGN(0) FROM dual;
 SIGN(0)
    0
SQL> SELECT LN(100) FROM dual;
 LN(100)
-----
4.60517019
SQL> SELECT LN(10) FROM dual;
  LN(10)
```

```
2.30258509
SQL> SELECT LOG(10, 100) FROM dual;
LOG(10,100)
-----
    2
SQL> SELECT LOG(100, 10) FROM dual;
LOG(100,10)
-----
    .5
SQL> SELECT MOD(4, 3) FROM dual;
MOD(4,3)
-----
    1
SQL> SELECT MOD(4, 2) FROM dual;
MOD(4,2)
-----
    0
SQL> SELECT EXP(2) FROM dual;
  EXP(2)
7.3890561
SQL> SELECT EXP(-2) FROM dual;
 EXP(-2)
```

.135335283

SQL> SELECT EXP(0) FROM dual;

EXP(0)

1