Name: Prachi Singhroha **Roll No.:** 101903545 **Batch:** 2CO21

Lab Assignment–4

Q1) Use the following functions →

1. chr (n):

Statement:

SELECT chr(60) from dual;

Output:

CHR(60)
<

2. cancat(char1,char2):

Statement:

SELECT CONCAT('Prachi','Singhroha') from dual;

Output:

CONCAT('PRACHI','SINGHROHA')
PrachiSinghroha

3. instr(string,char):

Statement:

SELECT instr('Prachi', ‘a’) from dual;

Output:

INSTR('PRACHI','A')
3

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4. length(n):

Statement:

SELECT length('Singhroha') from dual;

Output:

LENGTH('SINGHROHA')
9

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5. lpad(char1 ,n [,char2]):

Statement:

SELECT lpad('engineering', 25, 'computer') from dual;

Output:

LPAD('ENGINEERING',25,'COMPUTER')
computercomputengineering

6. ltrim(string [,char(s)]):

Statement:

SELECT LTRIM(' DBMS assignment') from dual;

Output:

LTRIM('DBMSASSIGNMENT')
DBMS assignment

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7. rpad(char1 ,n [,char2]):

Statement:

SELECT rpad('assignment', 12, '4') from dual;

Output:

RPAD('ASSIGNMENT',12,'4')
assignment44

8. rtrim(string [,char(s)]):

Statement:

SELECT RTRIM('Database management ') from dual;

Output:

RTRIM('DATABASEMANAGEMENT')
Database management

9. replace(char ,search_string , replacement_string):

Statement:

SELECT replace ('jogging', 'j', 't') from dual;

Output:

REPLACE('JOGGING','J','T')
togging

10. substr(string ,position ,substring length):

Statement:

SELECT substr ('prachi', 1, 3) from dual;

Output:

SUBSTR('PRACHI',1,3)
pra

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11. initcap(char):

Statement:

SELECT initcap ('PRACHI') from dual;

Output:

INITCAP('PRACHI')
Prachi

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12. lower(string):

Statement:

SELECT lower ('PRACHI') from dual;

Output:

LOWER('PRACHI')
prachi

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13. upper(string):

Statement:

SELECT upper('prachi') from dual;

Output:

UPPER('PRACHI')
PRACHI

14. translate(char ,from string ,to string):

Statement:

SELECT translate('ABCD', 'AC', 'ac') from dual;

Output:

TRANSLATE('ABCD','AC','AC')
aBcD

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15. abs(n):

Statement:

SELECT abs(-3.88) from dual;

Output:

ABS(-3.88)
3.88

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16. ceil(n):

Statement:

SELECT ceil(5.2) from dual;

Output:

CEIL(5.2)
6

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17. cos(n):

Statement:

SELECT cos(3) from dual;

Output:

COS(3)
-.98999249660044545727157279473126130238

Download CSV

18. exp(n):

Statement:

SELECT exp(30) from dual;

Output:

EXP(30)
10686474581524.462146990468650741401650 41

Download CSV

19. floor(n):

Statement:

SELECT floor(5.8) from dual;

Output:

FLOOR(5.8)
5

20. mod(m ,n):

Statement:

SELECT mod(4,3) from dual;

Output:

MOD(4,3)
1

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21. power(x ,y):

Statement:

SELECT power(2,5) from dual;

Output:

POWER(2,5)
32

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22. round(x [,y]):

Statement:

SELECT round(23.987,2) from dual;

Output:

ROUND(23.987,2)
23.99

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23. sign(n):

Statement:

SELECT sign(-67) from dual;

Output:

SIGN(-67)
-1

Download CSV

24. sqrt(n):

Statement:

SELECT sqrt(25) from dual;

Output:

SQRT(25)
5

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25. trunc(x ,n):

Statement:

SELECT trunc(25.987, 2) from dual;

Output:

TRUNC(25.987,2)
25.98

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26. sysdate:

Statement:

SELECT sysdate from dual;

Output:

SYSDATE
25-MAR-21

27. add_months(d ,n):

Statement:

SELECT add_months('11-MARCH-2001', 7) from dual;

Output:

ADD_MONTHS('11-MARCH-2001',7)
11-OCT-01

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28. last_day():

Statement:

SELECT last_day('11-MARCH-2001') from dual;

Output:

LAST_DAY('11-MARCH-2001')
31-MAR-01

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29. months_between(date1 ,date2):

Statement:

SELECT months_between('11-MARCH-2002', '21-JAN-2002') from dual;

Output:

MONTHS_BETWEEN('11-MARCH-2002','21-JAN-2002')
1.677419354838709677419354838709677741935

Download CSV

30. next_day(date ,char):

Statement:

SELECT next_day('11-JUN-2001', 5) from dual;

Output:

NEXT_DAY('11-JUN-2001',5)
14-JUN-01

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31. greatest(expr):

Statement:

SELECT greatest(7, 8, 9) from dual;

Output:

GREATEST(7,8,9)
9

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32. least(expr):

Statement:

SELECT least(2.1, 2.5, 1.3) from dual;

Output:

LEAST(2.1,2.5,1.3)
1.3

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Name: Prachi Singhroha **Roll No.:** 101903545 **Batch:** 2CO21

Q2) Display current time in hour : min : sec format

Statement: SELECT current_timestamp from dual;

Output:

CURRENT_TIMESTAMP
25-MAR-21 02.34.02.918902 PM US/PACIFIC

Q3) Display salary + commission of emp table

Statement:

SELECT salary+commission from emp;

Output:

SALARY+COMMISSION
2400
3400
3500

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Q4) Store any date value in hiredate column of table?

Statement:

SELECT hiredate from emp;

Output:

HIREDATE
12-JUN-85
02-MAR-21
31-MAY-12

Q5) Display name of employee(s) who join the company in 1985?

Statement:

SELECT ename from emp where hiredate between '01-JAN-1985' and '31-DEC-1985';

Output:

ENAME
rahul

Q6) Display name of the employee(s) who join the company this year?

Statement:

SELECT ename from emp where hiredate between '01-JAN-2021' and '31-DEC-2021';

Output:

ENAME
geet