EXP 6
IMPLEMENTATION OF DATA AND BUILT IN FUNCTIONS IN SQL
SHUSHRUT KUMAR
RA1811028010049

CHARACTER/STRING FUNCTION:

SQL> select upper('welcome') from dual;

WELCOME

UPPER('WELCOME')
WELCOME

Download CSV

SQL> select upper('**shushrut**') from dual;

SHUSHRUT

UPPER('SHUSHRUT')
SHUSHRUT

Download CSV

SQL> select lower('SHUSHRUT') from dual;
LOW
---
shushrut

LOWER('SHUSHRUT')
shushrut

Download CSV

SQL> select initcap(‘shushrut kumar') from dual;
INITCAP('Hello

Shushrut Kumar

INITCAP('SHUSHRUTKUMAR')
Shushrut Kumar

Download CSV

SQL> select ltrim('   RA1811028010049') from dual;
LTR

RA1811028010049

LTRIM('RA1811028010049')
RA1811028010049

Download CSV

SQL> select rtrim('RA1811028010049   ')from dual;
RTR

RA1811028010049

RTRIM('RA1811028010049')
RA1811028010049

Download CSV

SQL> select rtrim('   India   ')from dual;
RTRIM('

    India

RTRIM('INDIA')
India

Download CSV

SQL> select concat('Mother',' India')from dual;

Mother India

CONCAT('MOTHER','INDIA')
Mother India

Download CSV

SQL> select length('Chennai')from dual;
LENGTH('Chennai')

    7

LENGTH('CHENNAI')
7

Download CSV

SQL> select replace('Shushrut Kumar', 'Kumar','Sharma')from dual;

Shushrut Sharma

REPLACE('SHUSHRUTKUMAR','KUMAR','SHARMA')
Shushrut Sharma

Download CSV

SQL> select substr('The weather is pleasent', 7,6)from dual;
SUBSTR
------
lingam

SUBSTR('THEWEATHERTODAYISPLEASENT!',7,6)
ather

Download CSV

SQL> select rpad('Football',3,'*')from dual;
RPAD('

Foo

RPAD('FOOTBALL',3,'*')
Foo

Download CSV

SQL> select lpad('Football',3,'*')from dual;
LPAD('

Foo

LPAD('FOOTBALL',3,'*')
Foo

Download CSV

SQL> select replace('Monday','Mon','Tue')from dual;
REPLACE

Danie

REPLACE('MONDAY','MON','TUE')
Tueday

Download CSV

SQL> select translate('cold','ld','ol')from dual;
TRANSL

Cool

TRANSLATE('COLD','LD','OL')
cool

Download CSV

DATE & TIME FUNCTION

SQL> select sysdate from dual;
SYSDATE

07-APR-10

TRANSLATE('COLD','LD','OL')
cool

Download CSV

SQL> select round(sysdate)from dual;
ROUND(SYS

07-APR-10

ROUND(SYSDATE)
02-MAR-21

Download CSV

SQL> select add_months(sysdate,3)from dual;
ADD_MONTH

07-JUL-10

ADD_MONTHS(SYSDATE,3)
02-JUN-21

Download CSV

SQL> select last_day(sysdate)from dual;
LAST_DAY(

30-APR-10

LAST_DAY(SYSDATE)
31-MAR-21

Download CSV

SQL> select sysdate+2 from dual;
SYSDATE+2

27-APR-10

SYSDATE+2
04-MAR-21

Download CSV

SQL> select next_day(sysdate,'tuesday')from dual;
NEXT_DAY(

13-APR-10

NEXT_DAY(SYSDATE,'TUESDAY')
09-MAR-21

Download CSV

NUMERIC FUNCTION

SQL> select round(15.6789)from dual;
ROUND(15.6789)

16

ROUND(15.6789)
16

Download CSV

SQL> select ceil(23.20)from dual;
CEIL(23.20)

24

CEIL(23.20)
24

Download CSV

SQL> select floor(34.56)from dual;
FLOOR(34.56)

34

FLOOR(34.56)
34

Download CSV

SQL> select trunc(15.56743)from dual;
TRUNC(15.56743)

15

TRUNC(15.56743)
15

Download CSV

SQL> select sign(-345)from dual;
SIGN(-345)

-1

SIGN(-345)
-1

Download CSV

SQL> select abs(-70)from dual;
ABS(-70)

70

ABS(-70)
70

Download CSV

MATH FUNCTION:

SQL> select power(10,12) from dual;
POWER(10,12)

1.000E+12

POWER(10,12)
1000000000000

Download CSV

SQL> select mod(11,5) from dual;
MOD(11,5)

1

MOD(11,5)
1

Download CSV

SQL> select exp(10) from dual;
EXP(10)

22026.466

EXP(10)
22026.465794806716516957900645284244366 6

Download CSV

SQL> select sqrt(225) from dual;
SQRT(225)

15

SQRT(225)
15

Download CSV