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**Data Base Management System**

**Lab - 4**

**Study of SQL Built-In Functions**

SQL\*Plus: Release 19.0.0.0.0 - Production on Tue Feb 8 14:03:45 2022

Version 19.8.0.0.0

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Last Successful login time: Tue Feb 01 2022 14:28:00 +05:30

Connected to:

Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

Version 19.13.0.0.0

SQL> select \* from cse;

RNO NAME MARKS DEPT

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

646 akshat 90

649 shubham 85

633 amit 95

677 xyz 100

SQL> select concat(rno,name) as details from cse;

DETAILS

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

646akshat

649shubham

633amit

677xyz

SQL> select initcap(name) from cse;

INITCAP(NAME)

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Akshat

Shubham

Amit

Xyz

SQL> select length('0000') from dual;

LENGTH('0000')

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4

SQL> select length(name) from cse;

LENGTH(NAME)

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

6

7

4

3

SQL> select dcos(90) from dual;

select dcos(90) from dual

\*

ERROR at line 1:

ORA-00904: "DCOS": invalid identifier

SQL> select cosd(90) from dual;

select cosd(90) from dual

\*

ERROR at line 1:

ORA-00904: "COSD": invalid identifier

SQL> select cos(90) from dual;

COS(90)

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-.44807362

SQL> select mod(20,3) from dual;

MOD(20,3)

----------

2

SQL> select power(5,2) from dual;

POWER(5,2)

----------

25

SQL> select round(3.4567,2) from dual;

ROUND(3.4567,2)

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3.46

SQL> select truncate(3.4567,2) from dual;

select truncate(3.4567,2) from dual

\*

ERROR at line 1:

ORA-00904: "TRUNCATE": invalid identifier

SQL> select truncate(3.4567,2);

select truncate(3.4567,2)

\*

ERROR at line 1:

ORA-00923: FROM keyword not found where expected

SQL> select sysdate from dual;

SYSDATE

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08-FEB-22

SQL> select systime from dual;

select systime from dual

\*

ERROR at line 1:

ORA-00904: "SYSTIME": invalid identifier

SQL> select ltrim(' cse ') from dual;

LTRIM(

------

cse

SQL> select rtrim(' cse ') from dual;

RTRIM('

-------

cse

SQL> select upper(name) from cse;

UPPER(NAME)

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AKSHAT

SHUBHAM

AMIT

XYZ

SQL>