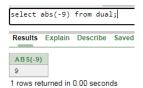# PRACTICAL NO 6

Dharmit Shah 75 FYIT

A) Numeric function :-

1) Absolute :-

   select abs(-9) from dual;
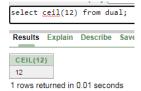
   ```
   select abs(-9) from dual;
   ```
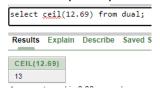   Results Explain Describe Saved

ABS(-9)
9

   1 rows returned in 0.00 seconds

   select abs(9) from dual;

   ```
   select abs(9) from dual;
   ```
   Results Explain Describe Sav

ABS(9)
9

   1 rows returned in 0.00 seconds

2) Ceil :-

   select ceil(12) from dual;

   ```
   select ceil(12) from dual;
   ```
   Results Explain Describe Save

CEIL(12)
12

   1 rows returned in 0.01 seconds

   select ceil(12.69) from dual;

   ```
   select ceil(12.69) from dual;
   ```
   Results Explain Describe Saved S

CEIL(12.69)
13

3) Floor:-

   select floor(12.17) from dual;

   ```
   select floor(12.27) from dual;
   ```
   Results Explain Describe Saved S

FLOOR(12.27)
12

   1 rows returned in 0.00 seconds

select floor(12) from dual;

```
select floor(12) from dual;
```

Results   Explain   Describe   Save

FLOOR(12)
12

1 rows returned in 0.00 seconds

4) Round

select round(12.17) from dual;

```
select round(12.17) from dual;
```

Results   Explain   Describe   Saved S

ROUND(12.17)
12

1 rows returned in 0.02 seconds

select round(12.66) from dual;

```
select round(12.66) from dual;
```

Results   Explain   Describe   Saved SQ

ROUND(12.66)
13

1 rows returned in 0.01 seconds   C

5) Remainder:-

select remainder(13,3) from dual;

```
select remainder(13,3) from dual;
```

Results   Explain   Describe   Saved SQL

REMAINDER(13,3)
1

6) Square root:-

select sqrt(25)from dual;

```
select sqrt(25)from dual;
```

Results   Explain   Describe   Sav

SQRT(25)
5

7) Modules :-

select mod(25,4) from dual;

```
select mod(25,4) from dual;
```

Results Explain Describe Save

MOD(25,4)

1

8) Power :-

```
select power(5,5) from dual;
```

```
select power(5,5) from dual;
```

Results Explain Describe Saved

POWER(5,5)

3125

1 rows returned in 0.01 seconds

9) Trunc :-

```
select trunc(1.2345,2) from dual;
```

```
select trunc(1.2345,2) from dual;
```

Results Explain Describe Saved SQL

TRUNC(1.2345,2)

1.23

10) Exponential :-

```
select exp(2) from dual;
```

```
select exp(2) from dual;
```

Results Explain Describe Saved SQL

EXP(2)

7.3890560989306502272304274605750078132

11) Log :-

```
select log(10,100) from dual;
```

```
select log(10,100) from dual;
```

Results Explain Describe Saved

LOG(10,100)

2

B) Character function :-
1) Lower :-

select lower('WELCOME') from dual;

```
select lower('WELCOME') from dual;
```

Results Explain Describe Saved SQL H

LOWER('WELCOME')
welcome

2) Upper :-

select upper('welcome') from dual;

```
select upper('welcome') from dual;
```

Results Explain Describe Saved SQL H

UPPER('WELCOME')
WELCOME

3) Initcap:-

select initcap('Have a good day') from dual;

```
select initcap('Have a good day') from dual;
```

Results Explain Describe Saved SQL History

INITCAP('HAVEAGOODDAY')
Have A Good Day
1 rows returned in 0.01 seconds   CSV Export

4) Length:-

select length('Have a good day') from dual;

```
select length('Have a good day') from dual;
```

Results Explain Describe Saved SQL History

LENGTH('HAVEAGOODDAY')
15

5) Substr :-

select substr('Have a good day',4,10) from dual;

```
select substr('Have a good day',4,10) from dual;
```

Results Explain Describe Saved SQL History

SUBSTR('HAVEAGOODDAY',4,10)
e a good d

6) Concat :-

select concat('Have a',' good day') from dual;

```
select concat('Have a',' good day') from dual;
```

Results Explain Describe Saved SQL History

CONCAT('HAVEA','GOODDAY')
Have a good day

7) Instr :-

select instr('Welcome to my world','my') from dual;

```
select instr('Welcome to my world','my') from dual;
```

Results Explain Describe Saved SQL History

INSTR('WELCOMETOMYWORLD','MY')
12

8) Trim :-

select trim(leading '1' from '1123424') from dual;

```
select trim(leading '1' from '1123424') from dual;
```

Results Explain Describe Saved SQL History

TRIM(LEADING'1'FROM'1123424')
23424

select trim(trailing '4' from '1123424') from dual;

```
select trim(trailing '4' from '1123424') from dual;
```

Results Explain Describe Saved SQL History

TRIM(TRAILING'4'FROM'1123424')
112342

select rtrim('12345432167', '7') from dual;

```
select rtrim('12345432167', '7') from dual;
```

Results Explain Describe Saved SQL History

RTRIM('12345432167','7')
1234543216

select ltrim('1123352' ,'1') from dual;

```
select ltrim('1123352' ,'1') from dual;
```

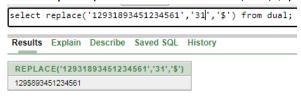Results   Explain   Describe   Saved SQL   History

LTRIM('1123352','1')

23352

9) Translate :-

select translate('12931893451234561','14','$%') from dual;

```
select translate('12931893451234561','14','$%') from dual;
```

Results   Explain   Describe   Saved SQL   History

TRANSLATE('12931893451234561','14','$%')

$293$893%5$23%56$

10) Replace:-

select replace('12931893451234561','31','$') from dual;

```
select replace('12931893451234561','31','$') from dual;
```

Results   Explain   Describe   Saved SQL   History

REPLACE('12931893451234561','31','$')

129$893451234561

11) Rpad:-

select rpad('wel',10,'$')from dual;

```
select rpad('wel',10,'$')from dual;
```

Results   Explain   Describe   Saved SQL   Hi

RPAD('WEL',10,'$')

wel$$$$$$$

12) Lpad:-

select lpad('wel',7,'$')from dual;

```
select lpad('wel',7,'$')from dual;
```

Results   Explain   Describe   Saved SQL   Hi

LPAD('WEL',7,'$')

$$$$wel

C) Date :-

1) Sysdate:-

select sysdate from dual;

```
select sysdate from dual;
```

Results   Explain   Describe   Sa

SYSDATE
24-FEB-21

2) Next_Day:-

select next_day(sysdate,'monday') from dual;

```
select next_day(sysdate,'monday') from dual;
```

Results   Explain   Describe   Saved SQL   History

NEXT_DAY(SYSDATE,'MONDAY')
01-MAR-21

3) Last_Day:-

select last_day(sysdate) from dual;

```
select last_day(sysdate) from dual;
```

Results   Explain   Describe   Saved SQL   Hi

LAST_DAY(SYSDATE)
28-FEB-21

4) Add_months:-

select add_months(sysdate,-1) from dual;

```
select add_months(sysdate,-1) from dual;
```

Results   Explain   Describe   Saved SQL   History

ADD_MONTHS(SYSDATE,-1)
24-JAN-21

5) Months_Between:-

select months_between('22-dec-21',sysdate) from dual;

```
select months_between('22-dec-21',sysdate) from dual;
```

Results Explain Describe Saved SQL History

MONTHS_BETWEEN('22-DEC-21',SYSDATE)
9.90828741039426523297491039426523297491

select months_between(sysdate,'31-dec-2021') from dual;

```
select months_between(sysdate,'31-dec-2021') from dual;
```

Results Explain Describe Saved SQL History

MONTHS_BETWEEN(SYSDATE,'31-DEC-2021')
-10.1985763888888888888888888888888889

6) Systimestamp:-

select systimestamp from dual;

```
select systimestamp from dual;
```

Results Explain Describe Saved SQl

SYSTIMESTAMP
24-FEB-21 08.16.17.957000 PM +05:30

7) Current_date:-

select current_date from dual;

```
select current_date from dual;
```

Results Explain Describe Saved SC

CURRENT_DATE
24-FEB-21