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Roll no :126 FYIT

PRACTICAL NO:- 6

- A) Numeric function :-
 - 1) Absolute :-

select abs(-9) from dual;



select abs(9) from dual;



2) Ceil:-

select ceil(12) from dual;



select ceil(12.67) from dual;



3) Floor:-

select floor(12.17) from dual;



select floor(12) from dual;

```
FL00R(12)
```

4) Round

select round(12.17) from dual;

```
ROUND(12.17)

12

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```

select round(12.66) from dual;

```
ROUND(12.66)
```

5) Remainder:-

select remainder(13,3) from dual;

```
REMAINDER(13,3)
```

6) Square root:-

select sqrt(25)from dual;

```
SQRT(25)
5
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```

7) Modules :-

select mod(25,4) from dual;

```
MOD(25,4)
```

8) Power :-

select power(5,5) from dual;



9) Trunc:-

select trunc(1.2345,2) from dual;

```
TRUNC(1.2345,2)
1.23
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```

10) Exponential:-

select exp(2) from dual;



11) Log:-

select log(10,100) from dual;



- B) Character function:-
 - 1) Lower:-

select lower('WELCOME') from dual;



2) Upper:-

select upper('welcome') from dual;



3) Initcap:-

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

```
INITCAP('HAVEAGOODDAY')
Have A Good Day
```

4) Length:-

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

```
LENGTH('HAVEAGOODDAY')
```

5) Substr:-

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

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

6) Concat:-

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

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

7) Instr:-

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

```
INSTR('WELCOMETOMYWORLD','MY')

12

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```

8) Trim:-

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

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

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

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

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

```
RTRIM('12345432167','7')
1234543216
```

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

```
LTRIM('1123352','1')
23352
```

9) Translate:-

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

```
TRANSLATE('12931893451234561','14','$%')
$293$893%5$23%56$
```

10) Replace:-

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

```
REPLACE('12931893451234561','31','$')
129$893451234561
```

11) Rpad:-

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

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

12) Lpad:-

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



- C) Date:-
 - 1) Sysdate:-

select sysdate from dual;



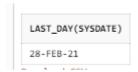
2) Next_Day:-

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

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

3) Last_Day:-

select last_day(sysdate) from dual;



4) Add_months:-

select add_months(sysdate,-1) from dual;

```
ADD_MONTHS(SYSDATE,-1)
22-JAN-21
```

5) Months_Between:-

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

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

10

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```

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

```
MONTHS_BETWEEN(SYSDATE,'31-DEC-2021')
-10.27021953405017921146953405017921146953
```

6) Systimestamp:-

select systimestamp from dual;



7) Current_date:-

select current_date from dual;

