PRACTICAL 6

Numeric

Abs

```
1 select abs(-9) from dual;

ABS(-9)
9
Download CSV
```

Ceil

```
1 select ceil(12.6) from dual;

CEIL(12.6)

13

Download CSV
```

Floor

```
1 select floor(12.6) from dual;

FLOOR(12.6)

12

Download CSV
```

SQRT

```
1 select sqrt(12) from dual;

SQRT(12)

3.46410161513775458705489268301174473389

Download CSV
```

MOD

```
1 select Mod(18,4) from dual;

MOD(18,4)

2

Download CSV
```

ROUND

```
1 select round(145.45,2) from dual;
2 select round(145.45,0) from dual;
3 select round(145.45,-1) from dual;

ROUND(145.45,2)
145.45
Download CSV

ROUND(145.45,0)
145
Download CSV

ROUND(145.45,-1)
150
Download CSV
```

Remainder

```
1 select remainder(4,2) from dual;

REMAINDER(4,2)
0
Download CSV
```

Power

```
1 select power(4,2) from dual;
2

POWER(4,2)
16
Download CSV
```

Trunc

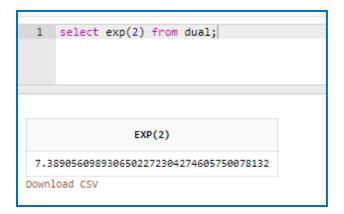
```
1 | select trunc(134.346566,2) from dual;

TRUNC(134.346566,2)

134.34

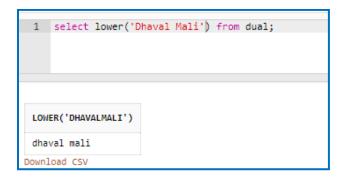
Download CSV
```

EXP

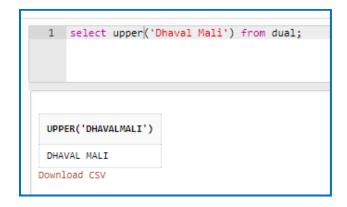


Character

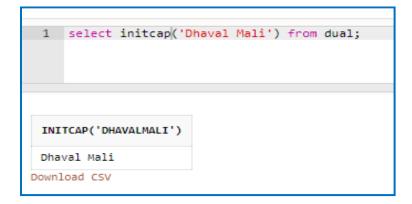
• Lower



• Upper



• Initcap



• Length

```
1 select length('Dhaval Mali') from dual;

LENGTH('DHAVALMALI')

11

Download CSV
```

• Substr

```
1 select substr('Dhaval Mali',6,8) from dual;

SUBSTR('DHAVALMALI',6,8)

1 Mali

Download CSV
```

• Concat

```
1 select concat('Dhaval Mali',' is dumb') from dual;

CONCAT('DHAVALMALI','ISDUMB')

Dhaval Mali is dumb

Download CSV
```

• Instr

```
1 select instr('Dhaval Mali','ma') from dual;

INSTR('DHAVALMALI','MA')

Download CSV
```

Trim

```
1 select trim(leading '1' from 111234561111) from dual;

TRIM(LEADING'1'FROM111234561111)

234561111

Download CSV
```

```
1 select trim(trailing '1' from 111234561111) from dual;

TRIM(TRAILING'1'FROM111234561111)

11123456

Download CSV
```

```
1 | select trim(|'1' from 111234561111) from dual;

TRIM('1'FROM111234561111)

23456

Download CSV
```

RTrim

```
1 select Rtrim( 1234 ) from dual;

RTRIM(1234)

1234

Download CSV
```

LTrim

```
1 select Ltrim( 1234 ) from dual;

LTRIM(1234)

1234

Download CSV
```

Translate

```
1 select translate('123hello','12','@#') from dual;

TRANSLATE('123HELLO','12','@#')

@#3hello
Download CSV
```

Replace

```
1 select replace('123hello','12','@#') from dual;

REPLACE('123HELLO','12','@#')
@#3hello
Download CSV
```

Rpad

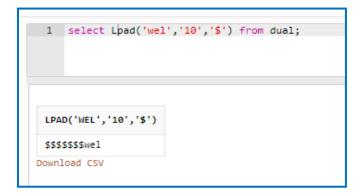
```
1 select Rpad('wel','10','$') from dual;

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

wel$$$$$$$

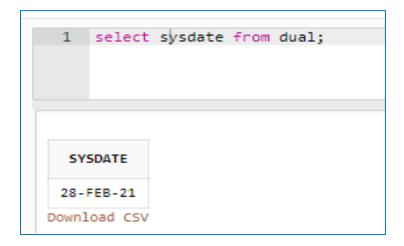
Download CSV
```

Lpad



Date Function

Sysdate



Next day

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

NEXT_DAY(SYSDATE,'MONDAY')

01-MAR-21

Download CSV
```

Last_day

```
1 select sysdate,
2 last_day(sysdate)"last",
3 last_day(sysdate) - sysdate "days left"
4 from dual;

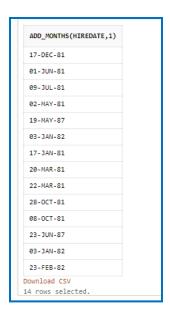
SYSDATE last days left

28-FEB-21 28-FEB-21 0

Download CSV
```

Add Months

```
28 SELECT * FROM EMP_DHAVAL;
29 SELECT ADD_MONTHS(HIREDATE,1) FROM EMP_DHAVAL;
```



Months_between

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

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

9.77630376344086021505376344086021505376

Download CSV
```

Systimestamp

```
1 select systimestamp from dual;

SYSTIMESTAMP

28-FEB-21 10.28.01.206008 PM +00:00

Download CSV
```

Current_date

