

PRACTICAL 6

Numeric

Abs

1	select abs(-9) from dual;
ABS(-9)	
9	
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Ceil

1	select ceil(12.6) from dual;
CEIL(12.6)	
13	
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Floor

1	select floor(12.6) from dual;
FLOOR(12.6)	
12	
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SQRT

1	<code>select sqrt(12) from dual;</code>
SQRT(12)	
3.46410161513775458705489268301174473389	
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MOD

1	<code>select Mod(18,4) from dual;</code>
MOD(18,4)	
2	
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ROUND

1	<code>select round(145.45,2) from dual;</code>
2	<code>select round(145.45,0) from dual;</code>
3	<code>select round(145.45,-1) from dual;</code>
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

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Power

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

POWER(4,2)
16

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Trunc

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

TRUNC(134.346566,2)
134.34

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

EXP(2)
7.3890560989306502272304274605750078132

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- ```
1 select lower('Dhaval Mali') from dual;
```
- |                     |
|---------------------|
| LOWER('DHAVALMALI') |
| dhaval mali         |
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- ```
1 select upper('Dhaval Mali') from dual;
```
- | |
|---------------------|
| UPPER('DHAVALMALI') |
| DHAVAL MALI |
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- Initcap

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

INITCAP('DHAVALMALI')
Dhaval Mali

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- Length

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

LENGTH('DHAVALMALI')
11

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- Substr

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

SUBSTR('DHAVALMALI',6,8)
l Mali

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- Concat

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

CONCAT('DHAVALMALI','ISDUMB')
Dhaval Mali is dumb

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- Instr

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

INSTR('DHAVALMALI','MA')
0

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Trim

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

TRIM(LEADING '1' FROM 111234561111)
234561111

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

TRIM(TRAILING '1' FROM 111234561111)
11123456

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

TRIM('1' FROM 111234561111)
23456

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RTrim

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

RTRIM(1234)
1234

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LTrim

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

LTRIM(1234)
1234

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Translate

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

TRANSLATE('123HELLO','12','@#')
@#3hello

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Replace

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

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

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Rpad

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

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

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Lpad

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

LPAD('WEL','10','\$')
\$\$\$\$\$\$wel

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Date Function

Sysdate

```
1 select sysdate from dual;
```

SYSDATE
28-FEB-21

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Next day

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

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

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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

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Add Months

```
27  
28 SELECT * FROM EMP_DHAVAL;  
29 SELECT ADD_MONTHS(HIREDATE,1) FROM EMP_DHAVAL;|
```

ADD_MONTHS(HIREDATE,1)
17-DEC-81
01-JUN-81
09-JUL-81
02-MAY-81
19-MAY-87
03-JAN-82
17-JAN-81
20-MAR-81
22-MAR-81
28-OCT-81
08-OCT-81
23-JUN-87
03-JAN-82
23-FEB-82
Download CSV
14 rows selected.

Months_between

1	select months_between('22-dec-21',sysdate) from dual;
MONTHS_BETWEEN('22-DEC-21',SYSDATE)	
9.77630376344086021505376344086021505376	
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Systimestamp

1	select systimestamp from dual;
SYSTIMESTAMP	
28-FEB-21 10.28.01.206008 PM +00:00	
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Current_date

```
1 select current_date from dual;
```

CURRENT_DATE
28-FEB-21

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