

Name: Rajesh Rane

Roll No. 85

Class: FYCS

Practical No. 6

Numeric Functions:-

1.Abs:

☒ Autocommit Display 10 ▼

select abs(-8) from dual;

Results Explain Describe Saved SQL History

ABS(-8)

8

1 rows returned in 0.01 seconds [CSV Export](#)

☒ Autocommit Display 10 ▼

select abs(7) from dual;

Results Explain Describe Saved SQL History

ABS(7)

7

1 rows returned in 0.00 seconds [CSV Export](#)

2.Ceil:

☒ Autocommit Display 10 ▼

select ceil(10) from dual;

Results Explain Describe Saved SQL History

CEIL(10)
10

1 rows returned in 0.00 seconds [CSV Export](#)

☒ Autocommit Display 10 ▼

select ceil(10.34) from dual;

Results Explain Describe Saved SQL History

CEIL(10.34)
11

1 rows returned in 0.02 seconds [CSV Export](#)

3.Floor:

☒ Autocommit Display 10 ▼

```
select floor(10.34) from dual;
```

Results Explain Describe Saved SQL History

FLOOR(10.34)
10

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select floor(15.51) from dual;
```

Results Explain Describe Saved SQL History

FLOOR(15.51)
15

1 rows returned in 0.00 seconds

[CSV Export](#)

4.SQRT

☒ Autocommit Display 10 ▼

```
select sqrt(36) from dual;
```

Results Explain Describe Saved SQL History

SQRT(36)

6

1 rows returned in 0.02 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

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

Results Explain Describe Saved SQL History

SQRT(25)

5

1 rows returned in 0.00 seconds

[CSV Export](#)

5. MOD:

☒ Autocommit Display 10 ▼

```
select mod(15,4) from dual;
```

Results Explain Describe Saved SQL History

MOD(15,4)

3

1 rows returned in 0.02 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select mod(17,3) from dual;
```

Results Explain Describe Saved SQL History

MOD(17,3)

2

1 rows returned in 0.00 seconds

[CSV Export](#)

6.ROUND

☒ Autocommit Display 10 ▼

```
select round(12.34) from dual;
```

Results Explain Describe Saved SQL History

ROUND(12.34)

12

1 rows returned in 0.04 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select round(10.50) from dual;
```

Results Explain Describe Saved SQL History

ROUND(10.50)

11

1 rows returned in 0.00 seconds

[CSV Export](#)

7.REMAINDER

☒ Autocommit Display 10 ▼

```
select remainder(10,5) from dual;
```

Results Explain Describe Saved SQL History

REMAINDER(10,5)

0

1 rows returned in 0.01 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select remainder(6,5) from dual;
```

Results Explain Describe Saved SQL History

REMAINDER(6,5)

1

1 rows returned in 0.00 seconds

[CSV Export](#)

8.POWER

☒ Autocommit Display ▼

```
select power(5,2) from dual;
```

Results Explain Describe Saved SQL History

POWER(5,2)

25

1 rows returned in 0.02 seconds

[CSV Export](#)

☒ Autocommit Display ▼

```
select power(10,5) from dual;
```

Results Explain Describe Saved SQL History

POWER(10,5)

100000

1 rows returned in 0.00 seconds

[CSV Export](#)

9.TRUNC

☒ Autocommit Display 10 ▼

```
select trunc(1.456,5) from dual;
```

Results Explain Describe Saved SQL History

TRUNC(1.456,5)

1.456

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select trunc(1.234,3) from dual;
```

Results Explain Describe Saved SQL History

TRUNC(1.234,3)

1.234

1 rows returned in 0.05 seconds

[CSV Export](#)

10.EXP:

☒ Autocommit Display 10 ▾

```
select exp(3) from dual;
```

Results Explain Describe Saved SQL History

EXP(3)
20.0855369231876677409285296545817178971

1 rows returned in 0.03 seconds [CSV Export](#)

☒ Autocommit Display 10 ▾

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

Results Explain Describe Saved SQL History

EXP(2)
7.3890560989306502272304274605750078132

1 rows returned in 0.00 seconds [CSV Export](#)

Character Function:-

1.LOWER

☒ Autocommit Display 10 ▼

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

Results Explain Describe Saved SQL History

LOWER('RAJESH')

rajesh

1 rows returned in 0.01 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

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

Results Explain Describe Saved SQL History

LOWER('RANE')

rane

1 rows returned in 0.00 seconds

[CSV Export](#)

2.UPPER

☒ Autocommit Display 10 ▾

select upper('rajesh') from dual;

Results

Explain

Describe

Saved SQL

History

UPPER('RAJESH')
RAJESH

1 rows returned in 0.00 seconds [CSV Export](#)

☒ Autocommit Display 10 ▾

select upper('raNE') from dual;

Results

Explain

Describe

Saved SQL

History

UPPER('RANE')
RANE

1 rows returned in 0.01 seconds [CSV Export](#)

3.INITCAP

☒ Autocommit Display 10 ▼

```
select initcap('rajesh') from dual;
```

Results Explain Describe Saved SQL History

INITCAP('RAJESH')

Rajesh

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select initcap('rane') from dual;
```

Results Explain Describe Saved SQL History

INITCAP('RANE')

Rane

1 rows returned in 0.02 seconds

[CSV Export](#)

4.LENGTH

☒ Autocommit Display 10 ▼

```
select length('Rajesh') from dual;
```

Results Explain Describe Saved SQL History

LENGTH('RAJESH')
6

1 rows returned in 0.05 seconds [CSV Export](#)

☒ Autocommit Display 10 ▼

```
select length('Rajesh Rane') from dual;
```

Results Explain Describe Saved SQL History

LENGTH('RAJESHRANE')
11

1 rows returned in 0.00 seconds [CSV Export](#)

5.SubStr

☒ Autocommit Display ▾

```
select substr('Rajesh Rane',5,3) from dual;
```

Results Explain Describe Saved SQL History

SUBSTR('RAJESHRANE',5,3)

sh

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display ▾

```
select substr('Rajesh',3,2) from dual;
```

Results Explain Describe Saved SQL History

SUBSTR('RAJESH',3,2)

je

1 rows returned in 0.00 seconds

[CSV Export](#)

6.Concat

☒ Autocommit Display 10 ▼

```
select concat('Rajesh How r u', 'Nice Day') from dual;
```

Results Explain Describe Saved SQL History

CONCAT('RAJESHHOWRU','NICEDAY')

Rajesh How r uNice Day

1 rows returned in 0.00 seconds [CSV Export](#)

☒ Autocommit Display 10 ▼

```
select concat('Rajesh How r u', '        Nice Day') from dual;
```

Results Explain Describe Saved SQL History

CONCAT('RAJESHHOWRU','NICEDAY')

Rajesh How r u Nice Day

1 rows returned in 0.00 seconds [CSV Export](#)

7.instr

☒ Autocommit Display

```
select instr('welcome to Rajesh Academy','o',-1)from dual;
```

Results Explain Describe Saved SQL History

INSTR('WELCOMETORAJESHACADEMY','O',-1)

10

1 rows returned in 0.00 seconds [CSV Export](#)

☒ Autocommit Display

```
select instr('welcome to Rajesh Academy','o',1)from dual;
```

Results Explain Describe Saved SQL History

INSTR('WELCOMETORAJESHACADEMY','O',1)

5

1 rows returned in 0.00 seconds [CSV Export](#)

8.Trim

☒ Autocommit Display ▼

```
select trim(leading '1' from '22062003RJ')from dual;
```

Results Explain Describe Saved SQL History

```
TRIM(LEADING'1'FROM'22062003RJ')
```

```
22062003RJ
```

1 rows returned in 0.07 seconds

[CSV Export](#)

☒ Autocommit Display ▼

```
select trim(both '0' from '22062003RJ0000')from dual;
```

Results Explain Describe Saved SQL History

```
TRIM(BOTH'0'FROM'22062003RJ0000')
```

```
22062003RJ
```

1 rows returned in 0.01 seconds

[CSV Export](#)

9.RTRIM

☒ Autocommit Display 10 ▼

```
select rtrim('Hello Rajesh0000','0')from dual;
```

Results Explain Describe Saved SQL History

RTRIM('HELLORAJESH0000','0')

Hello Rajesh

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select rtrim('Hello Rajesh111','1')from dual;
```

Results Explain Describe Saved SQL History

RTRIM('HELLORAJESH111','1')

Hello Rajesh

1 rows returned in 0.00 seconds

[CSV Export](#)

10.LTRIM

☒ Autocommit Display 10 ▼

```
select ltrim('000Hello Rajesh111','1')from dual;
```

Results Explain Describe Saved SQL History

LTRIM('000HELLORAJESH111','1')

000Hello Rajesh111

1 rows returned in 0.05 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select ltrim('000Hello Rajesh000','0')from dual;
```

Results Explain Describe Saved SQL History

LTRIM('000HELLORAJESH000','0')

Hello Rajesh000

1 rows returned in 0.01 seconds

[CSV Export](#)

11.TRANSLATE

☒ Autocommit Display 10 ▼

```
select translate('Rajesh Rane', 'a', '@')from dual;
```

Results Explain Describe Saved SQL History

TRANSLATE('RAJESH RANE','A','@')

R@jesh R@ne

1 rows returned in 0.02 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
select translate('rajesh', 'rjs', 'RJS')from dual;
```

Results Explain Describe Saved SQL History

TRANSLATE('RAJESH','RJS','RJS')

RaJeSh

1 rows returned in 0.00 seconds

[CSV Export](#)

12.REPLACE

☒ Autocommit Display ▾

```
select replace('Welcome 123456', '123456', 'Rajesh')from dual;
```

Results Explain Describe Saved SQL History

REPLACE('WELCOME123456','123456','RAJESH')

Welcome Rajesh

1 rows returned in 0.00 seconds [CSV Export](#)

☒ Autocommit Display ▾

```
select replace('Welcome Rajesh', 'Rajesh', '123456')from dual;
```

Results Explain Describe Saved SQL History

REPLACE('WELCOMERAJESH','RAJESH','123456')

Welcome 123456

1 rows returned in 0.00 seconds [CSV Export](#)

13.RPAD

☒ Autocommit Display 10 ▾

```
select rpad('Rajesh','10','*')from dual;
```

Results Explain Describe Saved SQL History

RPAD('RAJESH','10','*')

Rajesh*****

1 rows returned in 0.05 seconds [CSV Export](#)

☒ Autocommit Display 10 ▾

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

Results Explain Describe Saved SQL History

RPAD('RANE','10','\$')

Rane\$\$\$\$\$\$

1 rows returned in 0.00 seconds [CSV Export](#)

14.LPAD

☒ Autocommit

Display 10

```
select lpad('Rane','10','$')from dual;
```

Results

Explain

Describe

Saved SQL

History

LPAD('RANE','10','\$')

\$\$\$\$\$Rane

1 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit

Display 10

```
select lpad('Rajesh','10','#')from dual;
```

Results

Explain

Describe

Saved SQL

History

LPAD('RAJESH','10','#')

####Rajesh

1 rows returned in 0.01 seconds

[CSV Export](#)

Date Function:-

1.SYSDATE :

☒ Autocommit Display 10 ▼

select sysdate from dual;

Results Explain Describe Saved SQL History

SYSDATE
25-FEB-21

1 rows returned in 0.03 seconds [CSV Export](#)

2.NEXT_DAY :

☒ Autocommit Display 10 ▼

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

Results Explain Describe Saved SQL History

NEXT_DAY(SYSDATE,'FRIDAY')
26-FEB-21

1 rows returned in 0.01 seconds [CSV Export](#)

3.LAST_DAY :

☒ Autocommit Display 10 ▼

select last_day(sysdate) from dual;

Results

Explain

Describe

Saved SQL

History

LAST_DAY(SYSDATE)

28-FEB-21

1 rows returned in 0.02 seconds [CSV Export](#)

4.ADD_MONTHS :

☒ Autocommit Display 10 ▼

select add_months(sysdate,1) from dual;

Results

Explain

Describe

Saved SQL

History

ADD_MONTHS(SYSDATE,1)

25-MAR-21

1 rows returned in 0.02 seconds [CSV Export](#)

5.MONTHS_BETWEEN :

☒ Autocommit Display 10 ▼

```
select months_between(sysdate,'21-dec-2021') from dual;
```

Results	Explain	Describe	Saved SQL	History
<div>MONTHS_BETWEEN(SYSDATE,'21-DEC-2021')</div> <div>-9.8419052419354838709677419354838709677</div>				
1 rows returned in 0.00 seconds CSV Export				

6.SYSTIMESTAMP

☒ Autocommit Display ▼

```
select systimestamp from dual;
```

Results	Explain	Describe	Saved SQL	History
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SYSTIMESTAMP
25-FEB-21 09:38:32.115000 PM +05:30

1 rows returned in 0.00 seconds

[CSV Export](#)

7.CURRENT_DATE :

☒ Autocommit Display ▼

```
select current_date from dual;
```

Results

Explain

Describe

Saved SQL

History

CURRENT_DATE
25-FEB-21

1 rows returned in 0.02 seconds [CSV Export](#)