```
APPLIED COMPONANTS
SQL
PRACTICAL NO-5
date:
ROLL_NO : 403

1)

SQL> select ltrim('khalsa college', 'kha')from dual;

LTRIM('KHAL
-----------
lsa college

2)

SQL> select instr('Guru Nanak Khalsa college','u',3,1) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','U',3,1)
---------------------------------------
                                      4

3)

SQL> select instr('Guru Nanak Khalsa college','u',1,1) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','U',1,1)
---------------------------------------
                                      2

4)

SQL> select instr('Guru Nanak Khalsa college','a',5,3) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','A',5,3)
---------------------------------------
                                     14

5)

SQL> select instr('Guru Nanak Khalsa college','a',-5,3) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','A',-5,3)
----------------------------------------
                                       9

6)

SQL> select instr('Guru Nanak Khalsa college','a',3) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','A',3)
-------------------------------------
                                    7

7)

SQL> select instr('Guru Nanak Khalsa college','a',1) from dual;

INSTR('GURUNANAKKHALSACOLLEGE','A',1)
-------------------------------------
                                    7

8)

SQL> select instr('Guru Nanak Khalsa college','a',10) from dual;
```

```
INSTR('GURUNANAKKHALSACOLLEGE','A',10)
--------------------------------------
                                     14
```

9)

```
SQL> select substr('string',2,4)from dual;

SUBS
----
trin
```

10)

```
SQL> select substr('string',2)from dual;

SUBST
-----
tring
```

11)

```
SQL> select length('abcde')from dual;

LENGTH('ABCDE')
---------------
              5
```

12)

```
SQL> select length(' abcde ')from dual;

LENGTH('ABCDE')
---------------
              7
```

13)

```
SQL> select length( 'abcde' )from dual;

LENGTH('ABCDE')
---------------
              5
```

14)

```
SQL> select reverse('abcde')from dual;

REVER
-----
edcba
```

15)

```
SQL> select add_months('04-nov-2020',5)from dual;

ADD_MONTH
---------
04-APR-21
```

16)

```
SQL> select add_months(edate,5)from emp2;

ADD_MONTH
---------
```

```
12-JUN-02
15-NOV-03
15-NOV-03
12-DEC-03
28-FEB-05
13-JUL-05
09-FEB-07
08-JUN-03

8 rows selected.
```

17)

```
SQL> select current_date from dual;

CURRENT_D
---------
07-SEP-22
```

18)

```
SQL> select add_months(current_date,5)from dual;

ADD_MONTH
---------
07-FEB-23
```

19)

```
SQL> select last_day(current_date)from dual;

LAST_DAY(
---------
30-SEP-22
```

20)

```
SQL> select last_day(edate)from emp2;

LAST_DAY(
---------
31-JAN-02
30-JUN-03
30-JUN-03
31-JUL-03
30-SEP-04
28-FEB-05
30-SEP-06
31-JAN-03

8 rows selected.
```

21)

```
SQL> select months_between('20-jan-2010','30-jul-2008')from dual;

MONTHS_BETWEEN('20-JAN-2010','30-JUL-2008')
-------------------------------------------
                                  17.6774194
```

22)

```
SQL> select months_between('20-jan-2010','30-jul-2018')from dual;

MONTHS_BETWEEN('20-JAN-2010','30-JUL-2018')
-------------------------------------------
```

```
                              -102.32258

23)

SQL> select months_between(current_date,edate)from emp2;

MONTHS_BETWEEN(CURRENT_DATE,EDATE)
----------------------------------
                        247.850698
                        230.753924
                        230.753924
                        229.850698
                        215.334569
                         210.81844
                        191.947472
                         235.97973

8 rows selected.

24)

SQL> select next_day(edate,'Sunday')from emp2;

NEXT_DAY(
---------
13-JAN-02
22-JUN-03
22-JUN-03
13-JUL-03
03-OCT-04
20-FEB-05
10-SEP-06
12-JAN-03

8 rows selected.

25)

SQL> select next_day(current_date,'Sunday')from dual;

NEXT_DAY(
---------
11-SEP-22
```