Lab Assignment–3

Q1) Use the following functions

1. chr (n):

Query.	select chr(97) from dual;

OUTPUT:

CHR(97)
a

2. cancat(char1,char2):

Query.	select concat('mayank','agg') from dual;

OUTPUT:

CONCAT('MAYANK','AGG')
mayankagg

3. instr(string,char):

Query.	select instr('mayank','a') from dual;

OUTPUT:

INSTR('MAYANK','A')
2

4. length(n):

Query.	select length('mayankaggarwal') from dual;

OUTPUT:

LENGTH('MAYANKAGGARWAL')
14

5. lpad(char1 ,n [,char2]):

Query.	select lpad('mayank',10,'_') from dual;

OUTPUT:

```
LPAD('MAYANK',10,'_')

_____mayank
```

6. ltrim(string [,char(s)]):

Query.	select ltrim('mayank','ma') from dual;

OUTPUT:

```
LTRIM('MAYANK','MA')

yank
```

7. rtrim(string [,char(s)]):

Query.	select rtrim('mayank','k') from dual;

OUTPUT:

```
RTRIM('MAYANK','K')

mayan
```

8. rpad(char1 ,n [,char2]):

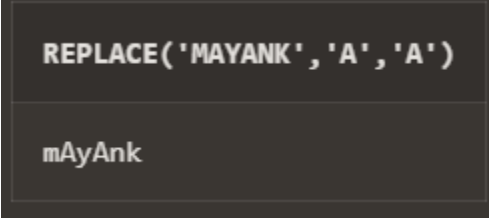| Query.	select rpad('mayank','8','_') from dual;

OUTPUT:

```
RPAD('MAYANK','8','_')

mayank__
```

9. replace(main_char ,search_string , replacement_string):

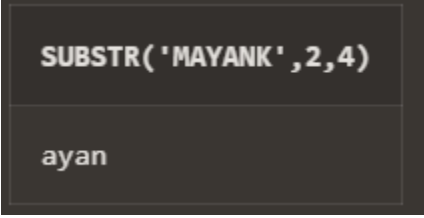| Query.	select replace('mayank','a','A') from dual;

OUTPUT:

```
REPLACE('MAYANK','A','A')

mAyAnk
```

10. substr(string ,position ,substring length):

Query.	select substr('mayank',2,4) from dual;

OUTPUT:
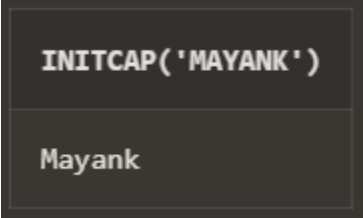
```
SUBSTR('MAYANK',2,4)

ayan
```

11. initcap(char):

Query.	select initcap('mayank') from dual;

OUTPUT:
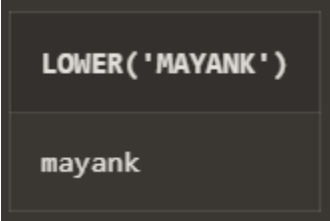
```
INITCAP('MAYANK')

Mayank
```

12. lower(string):

Query.	select lower('MAYANK') from dual;

OUTPUT:

```
LOWER('MAYANK')

mayank
```

13. upper(string):

Query.	select upper('mayank') from dual;

OUTPUT:

```
UPPER('MAYANK')

MAYANK
```

14. translate(char ,from string ,to string):

Query.	select translate('mayank','ay','_') from dual;

OUTPUT:

```
TRANSLATE('MAYANK','AY','_')

m___nk
```

15. abs(n):

Query.	select abs(-13) from dual;

OUTPUT:

```
ABS(-13)

13
```

16. ceil(n):

Query.	select ceil(13.4) from dual;

OUTPUT:

```
CEIL(13.4)

14
```

17. cos(n):

Query.	select cos(13.4) from dual;

OUTPUT:

```
COS(13.4)

.672193083553468333603852037767  6550271977
```

18. exp(n):

Query.	select exp(23) from dual;

OUTPUT:

```
EXP(23)

9744803446.24890260003463268482  2975277942
```

19. floor(n):

Query.	select floor(23.4) from dual;

OUTPUT:

```
FLOOR(23.4)

23
```

20. mod(m ,n):

Query.	select mod(32,3) from dual;

OUTPUT:

```
MOD(32,3)

2
```

21. power(x ,y):

Query.	select power(32,3) from dual;

OUTPUT:

```
POWER(32,3)

32768
```

22. round(x [,y]):

Query.	select round(32.45) from dual;

OUTPUT:

```
ROUND(32.45)

32
```

23. sign(n): 3

Query.	select sign(-32),sign(32),sign(0) from dual;

OUTPUT:

SIGN(-32)	SIGN(32)	SIGN(0)
-1	1	0

24. sqrt(n);

Query.	select sqrt(46) from dual;

OUTPUT:

```
SQRT(46)

6.7823299831252681390645563266259691052
```

25. trunc(x ,n):

Query.	select trunc(13.2323424242,1) from dual;

OUTPUT:

TRUNC(13.2323424242,1)
13.2

26. sysdate:

Query.	select sysdate from dual;

OUTPUT:

SYSDATE
02-FEB-23

27. add_months(d ,n):

Query.	select add_months('02-february-2023',2) from dual;

OUTPUT:

ADD_MONTHS('02-FEBRUARY-2023',2)
02-APR-23

28. last_day():

Query.	select last_day('02-february-2023') from dual;

OUTPUT:

LAST_DAY('02-FEBRUARY-2023')
28-FEB-23

29. months_between(date1 ,date2):

Query.	select months_between('02-february-2023','02-june-2022') from dual;

OUTPUT:

```
MONTHS_BETWEEN('02-FEBRUARY-2023','02-JUNE-2022')

8
```

30. next_day(date ,char):

Query.	select next_day('02-february-2023','monday') from dual;

OUTPUT:

```
NEXT_DAY('02-FEBRUARY-2023','MONDAY')

06-FEB-23
```

31. greatest(expr):

Query.	select greatest(234,1,23232) from dual;

OUTPUT:

```
GREATEST(234,1,23232)

23232
```

32. least(expr):

Query.	select least(234,1,23232) from dual;

OUTPUT:

```
LEAST(234,1,23232)

1
```