

=====STRING FUNCTION=====

MariaDB [Riya]> select ASCII(Name) as numcodeoffirstchar from DataEntry;

```
+-----+
| numcodeoffirstchar |
+-----+
|          65 |
|          65 |
|          66 |
|          72 |
|          83 |
|          86 |
|          77 |
|          82 |
|          83 |
|          65 |
|          78 |
+-----+
```

11 rows in set (0.001 sec)

MariaDB [Riya]> select char_length(Name) as lengthofname from DataEntry;

```
+-----+
| lengthofname |
+-----+
|          4 |
|          3 |
|          5 |
|          4 |
|          6 |
|          4 |
|          5 |
|          5 |
|          6 |
|          5 |
|          5 |
+-----+
```

11 rows in set (0.001 sec)

MariaDB [Riya]> select concat(Name," is ",Age," years old.") as concated from DataEntry;

```
+-----+
| concated      |
+-----+
| Aman is 13 years old. |
| Ami is 23 years old.  |
| Bhumi is 18 years old. |
| Hari is 54 years old. |
| Sumita is 19 years old. |
| Vini is 43 years old. |
| Manoj is 23 years old. |
+-----+
```

```
| Rehan is 23 years old. |
| Shruti is 22 years old. |
| Arohi is 25 years old. |
| Naman is 25 years old. |
+-----+
11 rows in set (0.001 sec)
```

Database changed

```
MariaDB [Riya]> select concat_ws("",Name,Gender,Age) as concated from DataEntry;
```

```
+-----+
| concated |
+-----+
| Amanmale13 |
| AmiFemale23 |
| BhumiFemale18 |
| Harimale54 |
| SumitaFemale19 |
| ViniFemale43 |
| Manojmale23 |
| Rehanmale23 |
| ShrutiFemale22 |
| ArohiFemale25 |
| Namanmale25 |
+-----+
11 rows in set (0.000 sec)
```

```
MariaDB [Riya]> select field("a","i","m");
```

```
+-----+
| field("a","i","m") |
+-----+
| 0 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select find_in_set("a","a,b,c");
```

```
+-----+
| find_in_set("a","a,b,c") |
+-----+
| 1 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select format(250500.5634,0);
```

```
+-----+
| format(250500.5634,0) |
+-----+
| 250,501 |
+-----+
1 row in set (0.000 sec)
```

MariaDB [Riya]> select insert("Hello Riya here",7,4,"MYSQL");

```
+-----+
| insert("Hello Riya here",7,4,"MYSQL") |
+-----+
| Hello MYSQL here                        |
+-----+
1 row in set (0.000 sec)
```

MariaDB [Riya]> select instr("Hello Riya","Riya");

```
+-----+
| instr("Hello Riya","Riya") |
+-----+
|              7 |
+-----+
1 row in set (0.000 sec)
```

MariaDB [Riya]> select lcase(Name) as lowercaseName from DataEntry;

```
+-----+
| lowercaseName |
+-----+
| aman         |
| ami          |
| bhumis       |
| hari         |
| sumita       |
| vini         |
| manoj        |
| rehan        |
| shruti       |
| arohi        |
| naman        |
+-----+
11 rows in set (0.001 sec)
```

MariaDB [Riya]> select left(Name,3) as extractstring from DataEntry;

```
+-----+
| extractstring |
+-----+
| Ama         |
| Ami          |
| Bhu          |
| Har          |
| Sum          |
| Vin          |
| Man          |
| Reh          |
| Shr          |
| Aro          |
| Nam          |
+-----+
11 rows in set (0.001 sec)
```

MariaDB [Riya]> select right(Name,3) as extractstring from DataEntry;

```
+-----+
| extractstring |
+-----+
| man          |
| Ami          |
| umi          |
| ari          |
| ita          |
| ini          |
| noj          |
| han          |
| uti          |
| ohi          |
| man          |
+-----+
```

11 rows in set (0.001 sec)

MariaDB [Riya]> select length(Name) as lengthofName from DataEntry;

```
+-----+
| lengthofName |
+-----+
| 4            |
| 3            |
| 5            |
| 4            |
| 6            |
| 4            |
| 5            |
| 5            |
| 6            |
| 5            |
| 5            |
+-----+
```

11 rows in set (0.001 sec)

MariaDB [Riya]> select locate ("a",Name) from DataEntry;

```
+-----+
| locate ("a",Name) |
+-----+
| 1                 |
| 1                 |
| 0                 |
| 2                 |
| 6                 |
| 0                 |
| 2                 |
| 4                 |
| 0                 |
| 1                 |
| 2                 |
+-----+
```

```
+-----+
11 rows in set (0.001 sec)
```

```
MariaDB [Riya]> select lower(Name) as lowercaseName from DataEntry;
```

```
+-----+
| lowercaseName |
+-----+
| aman         |
| ami          |
| bhumis       |
| hari         |
| sumita       |
| vini         |
| manoj        |
| rehan        |
| shruti       |
| arohi        |
| naman        |
+-----+
```

```
11 rows in set (0.001 sec)
```

```
MariaDB [Riya]> select lpad(Name,10,"ABC") as leftpadName from DataEntry;
```

```
+-----+
| leftpadName |
+-----+
| ABCABCaman  |
| ABCABCAAmi  |
| ABCABBhumis |
| ABCABCHari  |
| ABCASumita  |
| ABCABCVini  |
| ABCABManoj  |
| ABCABRehan  |
| ABCAShruti  |
| ABCABArohi  |
| ABCABNaman  |
+-----+
```

```
11 rows in set (0.001 sec)
```

```
MariaDB [Riya]> Select ltrim("    SQL Terminal") as lefttrimmed;
```

```
+-----+
| lefttrimmed |
+-----+
| SQL Terminal |
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select mid(Name,2,5) as extractstring from DataEntry;
```

```
+-----+
| extractstring |
+-----+
| man          |
+-----+
```

mi
humi
ari
umita
ini
anoj
ehan
hruti
rohi
aman

+-----+

11 rows in set (0.000 sec)

MariaDB [Riya]> select position(" " in "Hello World") as matchposition;

matchposition

+-----+

6

+-----+

1 row in set (0.000 sec)

MariaDB [Riya]> select repeat(Name,2) from DataEntry;

repeat(Name,2)

+-----+

AmanAman
AmiAmi
BhumiBhumi
HariHari
SumitaSumita
ViniVini
ManojManoj
RehanRehan
ShrutiShruti
ArohiArohi
NamanNaman

+-----+

11 rows in set (0.001 sec)

MariaDB [Riya]> select replace("XYZ FGH XYZ","X","r");

replace("XYZ FGH XYZ","X","r")

+-----+

rYZ FGH rYZ

+-----+

1 row in set (0.000 sec)

MariaDB [Riya]> select reverse(Name) from DataEntry;

reverse(Name)

```

+-----+
| namA   |
| imA    |
| imuhB  |
| iraH   |
| atimuS |
| iniV   |
| jonaM  |
| naheR  |
| iturhS |
| ihorA  |
| namaN  |
+-----+
11 rows in set (0.001 sec)

```

MariaDB [Riya]> select rpad(Name,10,"ABC") as leftpadName from DataEntry;

```

+-----+
| leftpadName |
+-----+
| AmanABCABC  |
| AmiABCABCA  |
| BhumiABCAB  |
| HariABCABC  |
| SumitaABCA  |
| ViniABCABC  |
| ManojABCAB  |
| RehanABCAB  |
| ShrutiABCA  |
| ArohiABCAB  |
| NamanABCAB  |
+-----+
11 rows in set (0.001 sec)

```

MariaDB [Riya]> Select rtrim(" SQL Terminal ") as rightttrimmed;

```

+-----+
| rightttrimmed |
+-----+
| SQL Terminal  |
+-----+
1 row in set (0.000 sec)

```

MariaDB [Riya]> select space(20);

```

+-----+
| space(20)      |
+-----+
|                |
+-----+
1 row in set (0.000 sec)

```

```
MariaDB [Riya]> select strcmp("SQL Tutorial", "HTML Tutorial");
```

```
+-----+
| strcmp("SQL Tutorial", "HTML Tutorial") |
+-----+
|                                1 |
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select strcmp("SQL Tutorial", "SQL Tutorial");
```

```
+-----+
| strcmp("SQL Tutorial", "SQL Tutorial") |
+-----+
|                                0 |
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select substr(Name,2,5) as extractstring from DataEntry;
```

```
+-----+
| extractstring |
+-----+
| man          |
| mi           |
| humi         |
| ari          |
| umita        |
| ini          |
| anoj         |
| ehan         |
| hruti        |
| rohi         |
| aman         |
+-----+
```

```
11 rows in set (0.001 sec)
```

```
MariaDB [Riya]> select substring(Name,2,5) as extractstring from DataEntry;
```

```
+-----+
| extractstring |
+-----+
| man          |
| mi           |
| humi         |
| ari          |
| umita        |
| ini          |
| anoj         |
| ehan         |
| hruti        |
| rohi         |
| aman         |
+-----+
```


$$+ \text{-----} +$$

```
MariaDB [Riya]> select addtime("2021-11-22 10:30:28", "02:10:50");
```

```
+-----+  
| addtime("2021-11-22 10:30:28", "02:10:50") |  
+-----+  
| 2021-11-22 12:41:18 |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select curdate();
```

```
+-----+  
| curdate() |  
+-----+  
| 2021-11-23 |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select current_date();
```

```
+-----+  
| current_date() |  
+-----+  
| 2021-11-23 |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select current_time();
```

```
+-----+  
| current_time() |  
+-----+  
| 15:02:25 |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select current_timestamp();
```

```
+-----+  
| current_timestamp() |  
+-----+  
| 2021-11-23 15:03:00 |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select curtime();
```

```
+-----+  
| curtime() |  
+-----+
```

```
| 15:03:56 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select date("2021-11-23 03:00:34");
+-----+
| date("2021-11-23 03:00:34") |
+-----+
| 2021-11-23                  |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select datediff("2021-11-23","2021-11-12 ");
+-----+
| datediff("2021-11-23","2021-11-12 ") |
+-----+
| 11 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select date_add("2021-11-23", interval 10 day);
+-----+
| date_add("2021-11-23", interval 10 day) |
+-----+
| 2021-12-03                  |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select date_format("2021-11-23", "%Y");
+-----+
| date_format("2021-11-23", "%Y") |
+-----+
| 2021                  |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select date_sub("2021-11-23", interval 10 day);
+-----+
| date_sub("2021-11-23", interval 10 day) |
+-----+
| 2021-11-13                  |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select day("2021-11-22");
```

```
+-----+  
| day("2021-11-22") |
```

```
+-----+
```

```
|          22 |
```

```
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select dayname("2021-11-22");
```

```
+-----+
```

```
| dayname("2021-11-22") |
```

```
+-----+
```

```
| Monday          |
```

```
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select dayofmonth("2021-11-22");
```

```
+-----+
```

```
| dayofmonth("2021-11-22") |
```

```
+-----+
```

```
|          22 |
```

```
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select dayofweek("2021-11-22");
```

```
+-----+
```

```
| dayofweek("2021-11-22") |
```

```
+-----+
```

```
|          2 |
```

```
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select dayofyear("2021-11-22");
```

```
+-----+
```

```
| dayofyear("2021-11-22") |
```

```
+-----+
```

```
|        326 |
```

```
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select extract(month from "2021-11-22");
```

```
+-----+
```

```
| extract(month from "2021-11-22") |
```

```

+-----+
|          11 |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [Riya]> select from_days(685467);
+-----+
| from_days(685467) |
+-----+
| 1876-09-29        |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [Riya]> select hour("2021-11-23 03:00:34");
+-----+
| hour("2021-11-23 03:00:34") |
+-----+
|          3 |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [Riya]> select last_day("2021-11-22");
+-----+
| last_day("2021-11-22") |
+-----+
| 2021-11-30             |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [Riya]> select localtime();
+-----+
| localtime() |
+-----+
| 2021-11-23 15:18:19 |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [Riya]> select localtimestamp();
+-----+
| localtimestamp() |
+-----+
| 2021-11-23 15:18:56 |

```

```
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select makedate(2021,11);
```

```
+-----+
| makedate(2021,11) |
+-----+
| 2021-01-11        |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select maketime(11,35,4);
```

```
+-----+
| maketime(11,35,4) |
+-----+
| 11:35:04          |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select microsecond("2021-11-22 09:34:00.000023");
```

```
+-----+
| microsecond("2021-11-22 09:34:00.000023") |
+-----+
|                                23 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> SELECT MINUTE("2017-06-20 09:34:00");
```

```
+-----+
| MINUTE("2017-06-20 09:34:00") |
+-----+
|                                34 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select month("2021-11-22");
```

```
+-----+
| month("2021-11-22") |
+-----+
|                    11 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select monthname("2021-11-22");
```

```
+-----+
| monthname("2021-11-22") |
+-----+
```

```
| November      |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select now();
```

```
+-----+
| now()      |
+-----+
| 2021-11-23 15:24:22 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select period_add(202111, 5);
```

```
+-----+
| period_add(202111, 5) |
+-----+
|          202204 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select period_diff(202111, 202103);
```

```
+-----+
| period_diff(202111, 202103) |
+-----+
|          8 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select quarter("2021-11-22");
```

```
+-----+
| quarter("2021-11-22") |
+-----+
|          4 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select second("2021-11-22 09:34:00.000032");
```

```
+-----+
| second("2021-11-22 09:34:00.000032") |
+-----+
|          0 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select sec_to_time(1);
```

```
+-----+  
| sec_to_time(1) |  
+-----+  
| 00:00:01      |  
+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [Riya]> select str_to_date("august 10 2021","%M %D %Y");
```

```
+-----+  
| str_to_date("august 10 2021","%M %D %Y") |  
+-----+  
| 0021-08-10                               |  
+-----+
```

```
1 row in set (0.000 sec)
```