

STRING FUNCTIONS

```
MariaDB [anjani]> select c_fname,ASCII(c_fname) as NumCodeOfFirstChar from customers;
```

```
+-----+-----+
| c_fname | NumCodeOfFirstChar |
+-----+-----+
| anjani  |          97 |
| shriya  |         115 |
| kajal   |         107 |
| nisha   |         110 |
| priyanka|         112 |
| manav   |         109 |
| rashika |         114 |
| richa   |         114 |
| sanket  |         115 |
| radhika |         114 |
+-----+-----+
```

10 rows in set (0.001 sec)

```
MariaDB [anjani]> select char_length("anjani patel") as lengthofstring;
```

```
+-----+
| lengthofstring |
+-----+
|          12 |
+-----+
```

1 row in set (0.000 sec)

```
MariaDB [anjani]> select character_length("anjani patel") as lengthofstring;
```

```
+-----+
| lengthofstring |
+-----+
|          12 |
+-----+
```

1 row in set (0.000 sec)

```
MariaDB [anjani]> select concat("anjani","patel") as concatenatedString;
```

```
+-----+
| concatenatedString |
+-----+
| anjanipatel      |
+-----+
```

1 row in set (0.000 sec)

```
MariaDB [anjani]> select concat_ws("-", "anjani","patel") as concatenatedString;
```

```
+-----+
| concatenatedString |
+-----+
| anjani-patel      |
+-----+
```

1 row in set (0.000 sec)

```
MariaDB [anjani]> select field("c","a","b");
```

```
+-----+  
| field("c","a","b") |  
+-----+  
|          0 |  
+-----+
```

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

```
MariaDB [anjani]> select field("q","s","q","l");
```

```
+-----+  
| field("q","s","q","l") |  
+-----+  
|          2 |  
+-----+
```

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

```
MariaDB [anjani]> select find_in_set("q", "s,q,l");
```

```
+-----+  
| find_in_set("q", "s,q,l") |  
+-----+  
|          2 |  
+-----+
```

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

```
MariaDB [anjani]> select find_in_set("a", "s,q,l");
```

```
+-----+  
| find_in_set("a", "s,q,l") |  
+-----+  
|          0 |  
+-----+
```

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

```
MariaDB [anjani]> select format(250500.5634,2);
```

```
+-----+  
| format(250500.5634,2) |  
+-----+  
| 250,500.56 |  
+-----+
```

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

```
MariaDB [anjani]> select format(250500.5634,4);
```

```
+-----+  
| format(250500.5634,4) |  
+-----+  
| 250,500.5634 |  
+-----+
```

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

MariaDB [anjani]> select format(250500.5634,1);

```
+-----+
| format(250500.5634,1) |
+-----+
| 250,500.6           |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select insert("anjanipatel",7,11,"addweb");

```
+-----+
| insert("anjanipatel",7,11,"addweb") |
+-----+
| anjaniaddweb                        |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select instr("anjanipatel","a") as matchposition;

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

MariaDB [anjani]> select lcase("ANJANI PATEL");

```
+-----+
| lcase("ANJANI PATEL") |
+-----+
| anjani patel          |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select left("anjani patel",3) as extractstring;

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

MariaDB [anjani]> select length("anjani patel") as lengthofstring;

```
+-----+
| lengthofstring |
+-----+
|          12 |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select locate ("j","anjani") as matchposition;

```
+-----+
| matchposition |
+-----+
```

```
|          3 |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select lower("ANJANI");

```
+-----+
| lower("ANJANI") |
+-----+
| anjani          |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select lpad(e_name,10,"abc") as leftpadcustomername from employee;

```
+-----+
| leftpadcustomername |
+-----+
| abcaanjani          |
| abcashriya          |
| abcabkajal          |
| abcabcrica          |
| abcabcavni          |
| shreyanshi          |
| abcdevarsh          |
| abcamanish          |
| abcjaydeep          |
| abcranjeet          |
+-----+
10 rows in set (0.001 sec)
```

MariaDB [anjani]> select ltrim(e_name) as lefttrim from employee;

```
+-----+
| lefttrim |
+-----+
| anjani   |
| shriya   |
| kajal     |
| riya      |
| avni      |
| shreyanshi |
| devarsh   |
| manish     |
| jaydeep    |
| ranjeet    |
+-----+
10 rows in set (0.000 sec)
```

MariaDB [anjani]> select mid(e_name,2,5) as extractstring from employee;

```
+-----+
| extractstring |
+-----+
| njani         |
| hriya         |
```

ajal
iya
vni
hreya
evars
anish
aydee
anjee

+-----+

10 rows in set (0.000 sec)

```
MariaDB [anjani]> select position("i" in "anjani") as matchposition;
```

matchposition
6

+-----+

1 row in set (0.000 sec)

```
MariaDB [anjani]> select repeat(e_name,2) from employee;
```

repeat(e_name,2)
anjanianjani
shriyashriya
kajalkajal
riyariya
avniavni
shreyanshishreyanshi
devarshdevarsh
manishmanish
jaydeepjaydeep
ranjeetranjeet

+-----+

10 rows in set (0.000 sec)

```
MariaDB [anjani]> select replace("anjani patel","patel","addweb");
```

replace("anjani patel","patel","addweb")
anjani addweb

+-----+

1 row in set (0.000 sec)

```
MariaDB [anjani]> select reverse(e_name) from employee;
```

reverse(e_name)
inajna
ayirhs
lajak

ayir	
inva	
ihsnayerhs	
hsraved	
hsinam	
peedyaj	
teejnar	

```
MariaDB [anjanil]> select right(e_name,5) as extractstring from employee;
```

+-----+	
extractstring	
+-----+	
njani	
hriya	
kajal	
riya	
avni	
anshi	
varsh	
anish	
ydeep	
njeet	

```
MariaDB [anjani]> select rpadd(e_name,30,"abc") as rightpad from employee;
```

```
+-----+
| rightpad                |
+-----+
| anjaniabcabcabcabcabcabcabc |
| shriyaabcabcabcabcabcabcabc |
| kajalabcabcabcabcabcabcabc  |
| riyaabcabcabcabcabcabcabcab |
| avniabcabcabcabcabcabcabcab |
| shreyanshiabcabcabcabcabcab |
| devarshabcabcabcabcabcabcab |
| manishabcabcabcabcabcabcabc |
| jaydeepabcabcabcabcabcabcab |
| ranjeetabcabcabcabcabcabcab |
```

```
MariaDB [anjani]> select rtrim(e_name) as rightstring from employee;
```

```
+-----+
| rightstring |
+-----+
| anjani      |
| shriya      |
| kajal       |
```

riya
avni
shreyanshi
devarsh
manish
jaydeep
ranjeet

+-----+

10 rows in set (0.000 sec)

MariaDB [anjani]> select space(50);

+-----+

space(50)

+-----+

--

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select strcmp("abc","abc");

+-----+

strcmp("abc","abc")

+-----+

0

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select strcmp("abc","sss");

+-----+

strcmp("abc","sss")

+-----+

-1

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select substr(e_name,2,5) as extractstring from employee;

+-----+

extractstring

+-----+

njani

hriya

ajal

iya

vni

hreya

evars

anish

aydee

anjee

+-----+

10 rows in set (0.001 sec)

MariaDB [anjani]> select substring(e_name,2,5) as extractstring from employee;

```

+-----+
| extractstring |
+-----+
| njani      |
| hriya      |
| ajal       |
| iya        |
| vni        |
| hreya      |
| evars      |
| anish      |
| aydee      |
| anjee      |
+-----+
10 rows in set (0.001 sec)

```

```

MariaDB [anjani]> select substring_index("anjani.com",".",1);
+-----+
| substring_index("anjani.com",".",1) |
+-----+
| anjani                               |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [anjani]> select trim("  anjani  ") as trimmedstring;
+-----+
| trimmedstring |
+-----+
| anjani        |
+-----+
1 row in set (0.000 sec)

```

```

MariaDB [anjani]> select ucase(e_name) from employee;
+-----+
| ucase(e_name) |
+-----+
| ANJANI        |
| SHRIYA        |
| KAJAL         |
| RIYA          |
| AVNI          |
| SHREYANSHI    |
| DEVARSH       |
| MANISH        |
| JAYDEEP       |
| RANJEET       |
+-----+
10 rows in set (0.001 sec)

```

```

MariaDB [anjani]> select upper(e_name) from employee;
+-----+
| upper(e_name) |

```



```

+-----+
| ANJANI |
| SHRIYA |
| KAJAL  |
| RIYA   |
| AVNI   |
| SHREYANSHI |
| DEVARSH |
| MANISH  |
| JAYDEEP |
| RANJEET |
+-----+
10 rows in set (0.001 sec)

```

DATE FUNCTIONS

MariaDB [anjani]> select adddate("2021-11-22", interval 10 day);

```

+-----+
| adddate("2021-11-22", interval 10 day) |
+-----+
| 2021-12-02 |
+-----+
1 row in set (0.000 sec)

```

MariaDB [anjani]> select addtime("2021-11-22 09:34:21", "2");

```

+-----+
| addtime("2021-11-22 09:34:21", "2") |
+-----+
| 2021-11-22 09:34:23 |
+-----+
1 row in set (0.000 sec)

```

MariaDB [anjani]> select curdate();

```

+-----+
| curdate() |
+-----+

```

```
| 2021-11-23 |
```

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

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

```
MariaDB [anjani]> select curdate()+1;
```

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

```
| curdate()+1 |
```

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

```
| 20211124 |
```

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

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

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

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

```
| current_date() |
```

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

```
| 2021-11-23 |
```

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

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

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

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

```
| current_time() |
```

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

```
| 12:17:23 |
```

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

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

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

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

```
| current_timestamp() |
```

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

```
| 2021-11-23 12:17:44 |
```

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

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

```
MariaDB [anjani]> select date("2021-11-22
```

```
"> ");
```

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

```
| date("2021-11-22
```

```
") |
```

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

```
| 2021-11-22      |
```

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

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

```
MariaDB [anjani]> select datediff("2017-06-25","2017-06-15");
```

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

```
| datediff("2017-06-25","2017-06-15") |
```

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

```
|              10 |
```

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

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

```
MariaDB [anjani]> select date_add("2021-11-22", interval 10 day);
```

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

```
| date_add("2021-11-22", interval 10 day) |
```

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

```
| 2021-12-02      |
```

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

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

```
MariaDB [anjani]> select date_format("2021-11-22","%y");
```

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

```
| date_format("2021-11-22","%y") |
```

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

```
| 21 |
```

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

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

```
MariaDB [anjani]> select date_sub("2021-06-15", interval -2 month);
```

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

```
| date_sub("2021-06-15", interval -2 month) |
```

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

```
| 2021-08-15 |
```

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

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

```
MariaDB [anjani]> select day(curdate());
```

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

```
| day(curdate()) |
```

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

```
| 23 |
```

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

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

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

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

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

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

```
| Monday |
```

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

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

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

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

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

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

```
|          22 |
```

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

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

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

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

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

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

```
|          2 |
```

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

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

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

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

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

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

```
|        326 |
```

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

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

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

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

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

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

```
|          11 |
```

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

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

MariaDB [anjani]> select from_days(685467);

+-----+

| from_days(685467) |

+-----+

| 1876-09-29 |

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select hour("2021-11-22 09:35:00");

+-----+

| hour("2021-11-22 09:35:00") |

+-----+

| 9 |

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select last_day("2021-11-22");

+-----+

| last_day("2021-11-22") |

+-----+

| 2021-11-30 |

+-----+

1 row in set (0.000 sec)

MariaDB [anjani]> select localtime();

+-----+

| localtime() |

+-----+

| 2021-11-23 12:28:37 |

+-----+

1 row in set (0.000 sec)

```
MariaDB [anjani]> select localtime();
```

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

```
| localtime() |
```

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

```
| 2021-11-23 12:28:58 |
```

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

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

```
MariaDB [anjani]> select makedate(2021,3);
```

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

```
| makedate(2021,3) |
```

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

```
| 2021-01-03 |
```

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

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

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

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

```
| maketime(11,35,4) |
```

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

```
| 11:35:04 |
```

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

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

```
MariaDB [anjani]> 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 [anjani]> select minute("2021-1-11 12:23:22  
"> ");
```

```
+-----+  
| minute("2021-1-11 12:23:22  
") |  
+-----+  
|           23 |  
+-----+
```

1 row in set (0.000 sec)

```
MariaDB [anjani]> select month("2021-1-11");
```

```
+-----+  
| month("2021-1-11") |  
+-----+  
|           1 |  
+-----+
```

1 row in set (0.000 sec)

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

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

1 row in set (0.000 sec)

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

```
+-----+  
| now()      |  
+-----+
```



```
| 2021-11-23 12:32:18 |
```

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

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

```
MariaDB [anjani]> select quarter("2021-2-2");
```

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

```
| quarter("2021-2-2") |
```

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

```
|          1 |
```

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

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

```
MariaDB [anjani]> select second("2021-01-01 09:23:22.000023");
```

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

```
| second("2021-01-01 09:23:22.000023") |
```

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

```
|                22 |
```

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

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

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

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

```
| sec_to_time(1) |
```

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

```
| 00:00:01      |
```

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

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

```
MariaDB [anjani]> select str_to_date("August 10 2017", "%M %d %Y");
```

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

```
| str_to_date("August 10 2017", "%M %d %Y") |
```

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

```
| 2017-08-10          |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select time("19:20:10");

```
+-----+
| time("19:20:10") |
+-----+
| 19:20:10          |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select timestamp("2021-1-1","13:10:11");

```
+-----+
| timestamp("2021-1-1","13:10:11") |
+-----+
| 2021-01-01 13:10:11              |
+-----+
1 row in set (0.000 sec)
```

MariaDB [anjani]> select to_days("2021-01-01");

```
+-----+
| to_days("2021-01-01") |
+-----+
|          738156       |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [anjani]> select week("2021-02-22");
```

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

```
| week("2021-02-22") |
```

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

```
|          8 |
```

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

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

```
MariaDB [anjani]> select weekday("2021-06-22");
```

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

```
| weekday("2021-06-22") |
```

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

```
|          1 |
```

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

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

```
MariaDB [anjani]> select weekofyear("2021-02-22");
```

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

```
| weekofyear("2021-02-22") |
```

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

```
|          8 |
```

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

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

```
MariaDB [anjani]> select year("2021-2-2");
```

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

```
| year("2021-2-2") |
```

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

```
|       2021 |
```

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

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

```
MariaDB [anjani]> select yearweek("2021-2-2");
```

yearweek("2021-2-2")
202105

1 row in set (0.000 sec)