

## MariaDB Data Types

Following is a list of data types in MariaDB:

- String data types
  - Numeric data types
  - Date/time data types
  - Large object data types
- 

### String Data Types

data type syntax	maximum size	explanation
char(size)	maximum size of 255 characters.	where size is the number of characters to store. fixed-length strings. space padded on right to equal size characters.
varchar(size)	maximum size of 255 characters.	where size is the number of characters to store. variable-length string.
tinytext(size)	maximum size of 255 characters.	where size is the number of characters to store.
text(size)	maximum size of 65,535 characters.	where size is the number of characters to store.
mediumtext(size)	maximum size of 16,777,215 characters.	where size is the number of characters to store.
longtext(size)	maximum size of 4gb or	where size is the number of characters

	4,294,967,295 characters.	to store.
binary(size)	maximum size of 255 characters.	where size is the number of binary characters to store. fixed-length strings. space padded on right to equal size characters.
varbinary(size)	maximum size of 255 characters.	where size is the number of characters to store. variable-length string.

## Date/Time Data Types

data type syntax	maximum size	explanation
date	values range from '1000-01-01' to '9999-12-31'.	displayed as 'yyyy-mm-dd'.
datetime	values range from '1000-01-01 00:00:00' to '9999-12-31 23:59:59'.	displayed as 'yyyy-mm-dd hh:mm:ss'.
timestamp(m)	values range from '1970-01-01 00:00:01' utc to '2038-01-19 03:14:07' utc.	displayed as 'yyyy-mm-dd hh:mm:ss'.
time	values range from '-838:59:59' to '838:59:59'.	displayed as 'hh:mm:ss'.
year[(2 4)]	year value as 2 digits or 4 digits.	default is 4 digits.

### Assignment

- 1.Explain Maria DB data types
- 2.Explain string data types in Maria DB