



How to Create a Table in MySQL

You can create a table using the “**CREATE TABLE**” statement. This statement defines the name and structure of the table including columns names, data types, and size of columns.

While creating a table, you must remember the following rules:

- The name of the table must be unique within the database and must have a maximum of 128 characters.
- The table name must begin with an alphabet.
- The table name can consist of alphabets, numbers and special characters, such as underscore (_)

The column **id** should have an integer data type (**int**)

This specifies the name of the table (**users**)

AUTO_INCREMENT; this means you want the value of the **id** to increment automatically when a new row is inserted in the table

Run SQL query/queries on database **voting_system**: ?

```
CREATE TABLE users(  
id int(11) NOT NULL AUTO_INCREMENT,  
username varchar(25) NOT NULL,  
password varchar(128) NOT NULL,  
category int(1) NOT NULL,  
PRIMARY KEY(id)  
);
```

A comma (,) is used to indicate that you have finished declaring your column and you want to start a new column declaration

Column name (**category**)

NOT NULL; this specifies that the columns must have a value

Maximum size of the column, you are indicating that the column should have a maximum of 128 characters.

NB: a comma (,) is only used when you want to add more columns, but when the column is the last column in the table, you don't need to add a comma (,) at the end of its declaration.