SQL Commands - Reserved Keywords (MySQL)

In SQL languages there are reserved keyword, meaning you are not allowed or recommended to use them outside there intended use cases.

Ex, One keyword is `NAMES` If you decides to create a table called `NAMES` It appears to be harmless, it might not work or you get unexpected results down the line.

```
CREATE SCHEMA IF NOT EXISTS name_storage_db;
USE name_storage_db;

--              ⇩ NAMES is a restricted keyword
CREATE TABLE names(
id INT PRIMARY KEY,
_name VARCHAR(255) -- NAME is also a keyword
-- ⇧ A way around keyword restriction, just add underscore (_) before.
);
```

Reserved Keywords in MySQL?

Execute this command in you DB and you will get a list of all keywords you should avoid using outside there intentional use cases.

```
SELECT * FROM mysql.help_keyword;
```

```
mysql> SELECT * FROM mysql.help_keyword;
+-----------------+------------------------------------------+
| help_keyword_id | name                                     |
+-----------------+------------------------------------------+
|             108 | %                                        |
|             264 | &                                        |
|             422 | (JSON                                    |
|              86 | *                                        |
|              84 | +                                        |
|              85 | -                                        |
|             423 | ->                                       |
|             425 | ->>                                      |
|              87 | /                                        |
|              75 | :=                                       |
|              59 | <                                        |
|             266 | <<                                       |
|              58 | <=                                       |
|              56 | <=>                                      |
|              57 | <>                                       |
|              55 | =                                        |
|              61 | >                                        |
|              60 | >=                                       |
|             267 | >>                                       |
|              90 | ABS                                      |
|             881 | ACCOUNT                                  |
|              91 | ACOS                                     |
|             659 | ACTION                                   |
|              49 | ADD                                      |
|             120 | ADDDATE                                  |
|             121 | ADDTIME                                  |
|             915 | ADMIN                                    |
|             270 | AES_DECRYPT                              |
|             271 | AES_ENCRYPT                              |
|             581 | AFTER                                    |
|             247 | AGAINST                                  |
|                 | Lines omitted......                      |
+-----------------+------------------------------------------+
986 rows in set (0.00 sec)
```