



```
CREATE DATABASE DATABASE_NAME;
```

- **ZEROFILL:** assigns ZEROS to the left of the number and the data becomes UNSIGNED.
- **Signed x Unsigned:** signed accepts negative values and unsigned does not. This changes the data range. **The default is SIGNED.**
- **Single Precision x Double Precision:** single precision accepts up to 7 decimal numbers, while double accepts up to 15.

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- YEAR: YYYY

- DATE: format YYYY-MM-DD (Between 1000-01-01 and 9999-12-31)
- TIME [(fsp)]: Time range in format HH:MM:SS[.fraction]

SPECIFICATIONS

▼ M

data sizes. *Integers* - display length; *Fixed point/Float* - stored digits; *Strings* - maximum string size.

▼ D

digits after decimal point (fixed point or float)

***Recommended not to exceed M - 2 (if M is 10, D is 8)**

▼ fsp

fractional seconds digits. *Default is 0

Primary Key

What is it? Definition of a record that cannot be repeated.

Creating a primary key in an existing table:

```
USE database_name;
ALTER TABLE table_name ADD PRIMARY KEY (FIELD TO BE KEY);
```

COMMANDS

▼ MODIFY RECORDS

```
UPDATE table_name SET specification = specification
where specification = specification;
```

▼ DELETE RECORDS

```
DELETE FROM table_name WHERE specification = specification;
```