'akarsh'

Numeric Types	String Types	Date Types
• INT	• CHAR	• DATE
• SMALLINT	• VARCHAR	• DATETIME
• TINYINT	• BINARY	• TIMESTAMP
• MEDIUMINT	• VARBINARY	• TIME
• BIGINT	• BLOB	• YEAR
• DECIMAL	• TINYBLOB	
• NUMERIC	• MEDIUMBLOB	
• FLOAT	• LONGBLOB	
• DOUBLE	• TEXT	
• BIT	• TINYTEXT	
	• MEDIUMTEXT	
	• LONGTEXT	
	• ENUM	

create the table

```
create table <table-name>
 (
     col-name1   data-type1,
     col-name2   data-type2,
            !
            !
     col-namen   data-typen
 )
```

```
create table cats (
    name  varchar(100),
    age    int
)
```

cats

name	age

Create a *pastries* table

- It should include 2 columns: name and quantity. Name is 50 characters max.
- Inspect your table/columns in the CLI
- Delete your table!

inserting data into tables

insert into cats (name, age) values ('bruno', 3);

↓ parameters

↓ argument

↓ order should be same

insert into cats (age, name) values (14, 'jenny');

Read the table

select name, age from cats;

Create a *people* table

- first_name - 20 char limit
- last_name - 20 char limit
- age

Insert Your 1st Person!

first_name	last_name	age
'Tina'	'Belcher'	13

Insert Your 2nd Person!

first_name	last_name	age
'Bob'	'Belcher'	42

Multiple Insert Time!

first_name	last_name	age
'Linda'	'Belcher'	45
'Phillip'	'Frond'	38
'Calvin'	'Fischoeder'	70

Primary Key

Unique identification

college - roll no

School - roll no

India - aadhar no

→ uniquely identifies a row

→ unique, not null

Define an Employees table, with the following fields:

- id - number(automatically increments), mandatory, primary key
- last_name - text, mandatory
- first_name - text, mandatory
- middle_name - text, not mandatory
- age - number mandatory
- current_status - text, mandatory, defaults to 'employed'