drop database if exists `school`;

create database if not exists `school`;

use `school`;

create table `students` (

id\_students int auto\_increment primary key unique not null,

name\_students varchar(25) not null,

surname\_studetns varchar(50) not null,

grade int not null

);

create table `teachers` (

id\_teachers int auto\_increment primary key unique not null,

name\_teachers varchar(25) not null,

surname\_teachers varchar(50) not null,

grade int not null,

cabinet int not null,

subject varchar(50) not null,

classroom\_management bool not null

);

create table `class` (

num\_cabinet int primary key unique not null,

number\_of\_people int not null,

teachers\_\_id int not null,

students\_id int not null,

foreign key (teachers\_\_id) references `teachers`(id\_teachers),

foreign key (students\_id) references students(id\_students)

);

create table `timetable` (

date\_id date primary key not null,

full\_name\_teachers varchar(200) not null,

num\_class int not null,

day\_of\_the\_week int not null unique,

subject varchar(50) not null,

foreign key (num\_class) references class(num\_cabinet)

);

create table `school circle` (

id\_school\_circle int auto\_increment primary key unique not null,

name\_school\_circle varchar(50) not null,

students\_id int not null,

time\_school\_circle time not null,

week\_day varchar(50) not null,

foreign key (students\_id) references students(id\_students)

);

#

# TABLE STRUCTURE FOR: teachers

#

DROP TABLE IF EXISTS `teachers`;

CREATE TABLE `teachers` (

`id\_teachers` int(11) NOT NULL AUTO\_INCREMENT,

`name\_teachers` varchar(25) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`surname\_teachers` varchar(50) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`grade` int(11) NOT NULL,

`cabinet` int(11) NOT NULL,

`subject` varchar(50) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`classroom\_management` tinyint(1) NOT NULL,

PRIMARY KEY (`id\_teachers`)

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_unicode\_ci;

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (1, 'Ryann', 'Towne', 1, 45, 'Biology', 0);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (2, 'Neoma', 'Swift', 3, 89, 'Geography', 0);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (3, 'Guillermo', 'Moen', 7, 66, 'Geometry', 1);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (4, 'Kurt', 'Doyle', 3, 61, 'Geography', 0);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (5, 'Marjorie', 'Turner', 10, 31, 'Biology', 1);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (6, 'Colton', 'Armstrong', 11, 93, 'Algebra', 1);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (7, 'Jermain', 'Nicolas', 4, 19, 'Geography', 0);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (8, 'Darrick', 'Dietrich', 4, 44, 'Drawing', 1);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (9, 'Tamara', 'Schamberger', 4, 28, 'Literature', 1);

INSERT INTO `teachers` (`id\_teachers`, `name\_teachers`, `surname\_teachers`, `grade`, `cabinet`, `subject`, `classroom\_management`) VALUES (10, 'Kaylin', 'Hegmann', 4, 27, 'Drawing', 1);

#

# TABLE STRUCTURE FOR: timetable

#

DROP TABLE IF EXISTS `timetable`;

CREATE TABLE `timetable` (

`date\_id` date NOT NULL,

`full\_name\_teachers` varchar(200) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`num\_class` int(11) NOT NULL,

`day\_of\_the\_week` int(11) NOT NULL,

`subject` varchar(50) COLLATE utf8mb4\_unicode\_ci NOT NULL,

PRIMARY KEY (`date\_id`),

UNIQUE KEY `day\_of\_the\_week` (`day\_of\_the\_week`),

KEY `num\_class` (`num\_class`),

CONSTRAINT `timetable\_ibfk\_1` FOREIGN KEY (`num\_class`) REFERENCES `class` (`num\_cabinet`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_unicode\_ci;

INSERT INTO `timetable` (`date\_id`, `full\_name\_teachers`, `num\_class`, `day\_of\_the\_week`, `subject`) VALUES ('1986-10-10', 'modi', 8, 7, 'Geography');

INSERT INTO `timetable` (`date\_id`, `full\_name\_teachers`, `num\_class`, `day\_of\_the\_week`, `subject`) VALUES ('2004-03-10', 'pariatur', 13, 1, 'Biology');

INSERT INTO `timetable` (`date\_id`, `full\_name\_teachers`, `num\_class`, `day\_of\_the\_week`, `subject`) VALUES ('2011-12-30', 'tempora', 17, 5, 'Literature');

INSERT INTO `timetable` (`date\_id`, `full\_name\_teachers`, `num\_class`, `day\_of\_the\_week`, `subject`) VALUES ('2019-10-11', 'voluptatem', 17, 3, 'Biology');

#

# TABLE STRUCTURE FOR: class

#

DROP TABLE IF EXISTS `class`;

CREATE TABLE `class` (

`num\_cabinet` int(11) NOT NULL,

`number\_of\_people` int(11) NOT NULL,

`teachers\_\_id` int(11) NOT NULL,

`students\_id` int(11) NOT NULL,

PRIMARY KEY (`num\_cabinet`),

KEY `teachers\_\_id` (`teachers\_\_id`),

KEY `students\_id` (`students\_id`),

CONSTRAINT `class\_ibfk\_1` FOREIGN KEY (`teachers\_\_id`) REFERENCES `teachers` (`id\_teachers`),

CONSTRAINT `class\_ibfk\_2` FOREIGN KEY (`students\_id`) REFERENCES `students` (`id\_students`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_unicode\_ci;

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (1, 469985, 1, 5);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (3, 39962, 5, 1);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (6, 0, 1, 3);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (8, 50, 10, 7);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (13, 59321, 4, 7);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (14, 60972, 2, 6);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (15, 644, 8, 5);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (17, 72731581, 2, 9);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (21, 4, 2, 5);

INSERT INTO `class` (`num\_cabinet`, `number\_of\_people`, `teachers\_\_id`, `students\_id`) VALUES (23, 23577, 2, 7);