-- -----------------------------------------------------

-- Schema traffic\_police

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `traffic\_police` DEFAULT CHARACTER SET utf8 ;

USE `traffic\_police` ;

-- -----------------------------------------------------

-- Table `traffic\_police`.`Patrolling\_district`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Patrolling\_district` (

`id` INT NOT NULL AUTO\_INCREMENT,

`title` VARCHAR(45) NULL,

PRIMARY KEY (`id`));

-- -----------------------------------------------------

-- Table `traffic\_police`.`Patrol\_car`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Patrol\_car` (

`id` INT NOT NULL AUTO\_INCREMENT,

`mark` VARCHAR(45) NULL,

`model` VARCHAR(45) NULL,

`plate` VARCHAR(45) NULL,

PRIMARY KEY (`id`));

-- -----------------------------------------------------

-- Table `traffic\_police`.`Policeman`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Policeman` (

`id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(45) NULL,

`surname` VARCHAR(45) NULL,

`position` VARCHAR(45) NULL,

`badge\_number` INT NULL,

`Patrolling\_district\_id` INT NOT NULL,

`Patrol\_car\_id` INT NOT NULL,

PRIMARY KEY (`id`),

INDEX `fk\_Policeman\_Patrolling\_district1\_idx` (`Patrolling\_district\_id` ASC) VISIBLE,

INDEX `fk\_Policeman\_Patrol\_car1\_idx` (`Patrol\_car\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Policeman\_Patrolling\_district1`

FOREIGN KEY (`Patrolling\_district\_id`)

REFERENCES `traffic\_police`.`Patrolling\_district` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Policeman\_Patrol\_car1`

FOREIGN KEY (`Patrol\_car\_id`)

REFERENCES `traffic\_police`.`Patrol\_car` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

-- -----------------------------------------------------

-- Table `traffic\_police`.`Report`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Report` (

`id` INT NOT NULL AUTO\_INCREMENT,

`start\_patrolling` DATETIME NULL,

`end\_patrolling` DATETIME NULL,

`description` VARCHAR(45) NULL,

`Policeman\_id` INT NOT NULL,

PRIMARY KEY (`id`, `Policeman\_id`),

INDEX `fk\_Report\_Policeman1\_idx` (`Policeman\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Report\_Policeman1`

FOREIGN KEY (`Policeman\_id`)

REFERENCES `traffic\_police`.`Policeman` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

-- -----------------------------------------------------

-- Table `traffic\_police`.`Offender`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Offender` (

`id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(45) NULL,

`surname` VARCHAR(45) NULL,

`driver\_license\_id` INT NULL,

PRIMARY KEY (`id`));

-- -----------------------------------------------------

-- Table `traffic\_police`.`Violation`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Violation` (

`id` INT NOT NULL AUTO\_INCREMENT,

`title` VARCHAR(45) NULL,

`date` DATETIME NULL,

`street` VARCHAR(45) NULL,

`car\_plate` VARCHAR(45) NULL,

`Offender\_id` INT NOT NULL,

PRIMARY KEY (`id`, `Offender\_id`),

INDEX `fk\_Violation\_Offender1\_idx` (`Offender\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Violation\_Offender1`

FOREIGN KEY (`Offender\_id`)

REFERENCES `traffic\_police`.`Offender` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);

-- -----------------------------------------------------

-- Table `traffic\_police`.`Policeman\_has\_Offender`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `traffic\_police`.`Policeman\_has\_Offender` (

`Policeman\_id` INT NOT NULL,

`Offender\_id` INT NOT NULL,

PRIMARY KEY (`Policeman\_id`, `Offender\_id`),

INDEX `fk\_Policeman\_has\_Offender\_Offender1\_idx` (`Offender\_id` ASC) VISIBLE,

INDEX `fk\_Policeman\_has\_Offender\_Policeman\_idx` (`Policeman\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Policeman\_has\_Offender\_Policeman`

FOREIGN KEY (`Policeman\_id`)

REFERENCES `traffic\_police`.`Policeman` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Policeman\_has\_Offender\_Offender1`

FOREIGN KEY (`Offender\_id`)

REFERENCES `traffic\_police`.`Offender` (`id`)

ON DELETE CASCADE

ON UPDATE NO ACTION);