DROP TABLE IF EXISTS service;

DROP TABLE IF EXISTS employees;

DROP TABLE IF EXISTS details\_compability;

DROP TABLE IF EXISTS details;

DROP TABLE IF EXISTS car;

DROP TABLE IF EXISTS clients;

CREATE TABLE clients (

last\_name varchar(60) NOT NULL,

first\_name varchar(60) NOT NULL,

second\_name varchar(60),

address varchar(60) NOT NULL,

phone\_number varchar(60) NOT NULL,

login varchar(60) NOT NULL PRIMARY KEY,

password varchar(60) NOT NULL,

);

CREATE TABLE car (

id\_owner int unsigned NOT NULL,

license\_plate varchar(60) NOT NULL PRIMARY KEY,

model varchar(60) NOT NULL,

car\_make varchar(60) NOT NULL,

FOREIGN KEY (id\_owner) REFERENCES clients(login)

UPDATE CASCADE

ON DELETE SET NULL

);

CREATE TABLE details (

category varchar(60) NOT NULL,

serial\_number varchar(60) NOT NULL PRIMARY KEY,

price int NOT NULL

);

CREATE TABLE details\_compatibility (

model varchar(60) NOT NULL,

detail\_serial\_number varchar(60) NOT NULL

);

CREATE TABLE employees (

last\_name varchar(60) NOT NULL,

first\_name varchar(60) NOT NULL,

second\_name varchar(60),

address varchar(60) NOT NULL,

login varchar(60) NOT NULL PRIMARY KEY,

password varchar(60) NOT NULL,

permission int unsigned NOT NULL

);

CREATE TABLE service (

id\_service int unsigned PRIMARY KEY AUTO\_INCREMENT,

work\_time int unsigned NOT NULL,

mileage bigint unsigned NOT NULL,

start\_date DATE NOT NULL,

final\_date DATE NOT NULL,

id\_employee int unsigned NOT NULL,

license\_plate varchar(60) NOT NULL,

detail\_serial\_number varchar(60) NOT NULL,

FOREIGN KEY (id\_employee) REFERENCES employees(login)

UPDATE CASCADE

ON DELETE SET NULL,

FOREIGN KEY (license\_plate) REFERENCES car(license\_plate)

UPDATE CASCADE

ON DELETE SET NULL,

FOREIGN KEY (detail\_serial\_number) REFERENCES details(serial\_number)

UPDATE CASCADE

ON DELETE SET NULL

);

INSERT INTO clients (last\_name, first\_name, second\_name, address, phone\_number, login, password) VALUES

('Ivanov', 'Ivan', 'Ivanovich', 'Moscow, Arbat st. 25', '+7 (495) 123-45-67', 'ivanivanovich', 'qwe123'),

('Petrov', 'Petr', 'Petrovich', 'St. Petersburg, Nevsky pr. 55', '+7 (812) 987-65-43', 'petrpetrovich', 'asd456'),

('Sidorov', 'Sergey', 'Vasilyevich', 'Vladivostok, Lenina st. 10', '+7 (423) 555-55-55', 'sergeyvasil', 'zxc789'),

('Kuznetsov', 'Alexey', 'Viktorovich', 'Krasnoyarsk, Mira st. 14', '+7 (391) 777-77-77', 'alexeykuz', 'rty123'),

('Smirnov', 'Dmitry', 'Andreevich', 'Rostov-on-Don, Komsomolskaya st. 19', '+7 (863) 222-22-22', 'dmitrysmir', 'fgh456'),

('Novikov', 'Denis', 'Sergeevich', 'Nizhny Novgorod, Gorkogo st. 9', '+7 (831) 333-33-33', 'denisnovik', 'vbn789'),

('Khvatov', 'Vladimir', 'Olegovich', 'Ufa, Pushkina st. 17', '+7 (347) 444-44-44', 'vladimirhva', 'yui123'),

('Gavrilov', 'Mikhail', 'Alexandrovich', 'Novosibirsk, Lenina st. 85', '+7 (383) 666-66-66', 'mikhailgav', 'hjk456'),

('Korolyov', 'Dmitry', 'Igorevich', 'Yekaterinburg, Vysotskogo st. 31', '+7 (343) 888-88-88', 'dmitrykoro', 'zxcvbnm'),

('Zaytsev', 'Artem', 'Nikolaevich', 'Kazan, Baumana st. 77', '+7 (843) 999-99-99', 'artemzayts', 'qwertyui'

);

INSERT INTO car (id\_owner, license\_plate, model, car\_make) VALUES

(1, 'X456BC78', 'Audi A4', 'Audi'),

(1, 'P345MM90', 'Volkswagen Polo', 'Volkswagen'),

(2, 'E987AA12', 'Hyundai Solaris', 'Hyundai'),

(2, 'S123HT32', 'Ford Focus', 'Ford'),

(3, 'T456BK78', 'BMW 5 Series', 'BMW'),

(4, 'F888NJ01', 'Kia Sportage', 'Kia'),

(5, 'H234CC78', 'Toyota Camry', 'Toyota'),

(6, 'I234KJ78', 'Honda CR-V', 'Honda'),

(7, 'M525EE12', 'Mercedes-Benz S-Class', 'Mercedes-Benz'),

(8, 'A436GG23', 'Mazda CX-5', 'Mazda'

);

INSERT INTO details (category, serial\_number, price) VALUES

('Engine', 'ENG01', 15000),

('Engine', 'ENG02', 15000),

('Tires', 'TR01', 5000),

('Tires', 'TR02', 1000),

('Transmission', 'TRNS01', 20000),

('Windshield', 'WNDW01', 7000),

('Brake pads', 'BRKP01', 3500),

('Oil filter', 'OILF01', 1000),

('Air filter', 'AIRF01', 2000),

('Battery', 'BAT01', 8000),

('Suspension', 'SPSN01', 10000),

('Fuel filter', 'FLTR01', 3000

);

INSERT INTO details\_compatibility (model, detail\_serial\_number) VALUES

('Audi A4', 'ENG01'),

('Audi A4', 'TR02'),

('Volkswagen Polo', 'TR01'),

('Volkswagen Polo', 'ENG02'),

('Hyundai Solaris', 'TRNS01'),

('Ford Focus', 'WNDW01'),

('BMW 5 Series', 'BRKP01'),

('Kia Sportage', 'OILF01'),

('Toyota Camry', 'AIRF01'),

('Honda CR-V', 'BAT01'),

('Mercedes-Benz S-Class', 'SPSN01'),

('Mazda CX-5', 'FLTR01');

INSERT INTO employees (last\_name, first\_name, second\_name, address, login, password, permission) VALUES

('Иванов', 'Петр', 'Сергеевич', 'ул. Ленина, д.5, кв.10', 'ivanov\_petr', '12345', 1),

('Петров', 'Игорь', 'Владимирович', 'ул. Советская, д.20, кв.30', 'petrov\_igor', 'qwerty', 2),

('Сидоров', 'Александр', 'Николаевич', 'ул. Гагарина, д.15, кв.5', 'sidorov\_alex', 'changeme', 1),

('Кузнецова', 'Ирина', 'Ивановна', 'ул. Маяковского, д.4, кв.12', 'kuznetsova\_ira', 'ilovecats', 3),

('Лебедев', 'Андрей', 'Павлович', 'ул. Пушкина, д.10, кв.20', 'lebedev\_andrew', 'welcome', 1),

('Смирнова', 'Екатерина', 'Дмитриевна', 'ул. Чехова, д.25, кв.7', 'smirnova\_ekat', '12345678', 2),

('Васильев', 'Денис', 'Олегович', 'ул. Фрунзе, д.30, кв.15', 'vasilyev\_den', 'password', 3),

('Захарова', 'Наталья', 'Сергеевна', 'ул. Красноармейская, д.12, кв.8', 'zakharova\_nat', 'letmein', 2),

('Андреев', 'Константин', 'Михайлович', 'ул. Жукова, д.6, кв.14', 'andreev\_konst', 'pa$$w0rd', 1),

('Медведева', 'Елена', 'Витальевна', 'ул. Куйбышева, д.8, кв.21', 'medvedeva\_elen', 'abc123', 3

);

INSERT INTO service (work\_time, mileage, start\_date, final\_date, id\_employee, license\_plate, detail\_serial\_number) VALUES

(5, 10000, '2021-01-05', '2021-01-10', 1, 'X456BC78', 'ENG01'),

(3, 5000, '2021-02-11', '2021-02-13', 3, 'X456BC78', 'TR02'),

(7, 15000, '2021-03-15', '2021-03-22', 2, 'P345MM90', 'TR01'),

(4, 8000, '2021-04-20', '2021-04-24', 1, 'P345MM90', 'ENG02'),

(6, 12000, '2021-05-25', '2021-05-31', 3, 'E987AA12', 'TRNS01'),

(8, 20000, '2021-06-30', '2021-07-08', 2, 'A436GG23', 'FLTR01'),

(2, 3000, '2021-08-10', '2021-08-12', 1, 'S123HT32', 'WNDW01'),

(9, 18000, '2021-09-15', '2021-09-24', 3, 'T456BK78', 'BRKP01'),

(10, 22000, '2021-10-30', '2021-11-08', 2, 'S123HT32', 'WNDW01'),

(4, 7000, '2021-12-10', '2021-12-14', 1, 'X456BC78', 'ENG01');