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SET SCHEMA FN72029;

CREATE TABLE Locations (

id integer NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1) PRIMARY KEY,

name VARCHAR(25),

address VARCHAR(25)

);

CREATE TABLE Consumables (

id integer NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1) PRIMARY KEY,

name VARCHAR(25),

quantity double,

price double,

location integer NOT NULL,

*FOREIGN KEY* (location) *references* Locations(id)

);

CREATE TABLE Clients (

id integer NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1) PRIMARY KEY,

name VARCHAR(25),

phone\_number varchar(13),

address VARCHAR(25)

);

CREATE TABLE Animals (

id integer NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1) PRIMARY KEY,

name VARCHAR(25),

type VARCHAR(25),

breed VARCHAR(25),

age integer,

owner integer NOT NULL,

*FOREIGN KEY* (owner) *references* Clients(id)

);

CREATE TABLE Examinations (

id integer NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1) PRIMARY KEY,

animal integer NOT NULL,

location integer NOT NULL,

description VARCHAR(100),

price double,

*FOREIGN KEY* (animal) *references* Animals(id),

*FOREIGN KEY* (location) *references* Locations(id)

);

SET SCHEMA FN72029;

INSERT INTO FN72029.*Locations* (name, address) VALUES ('Sofia', 'addr1');

INSERT INTO FN72029.*Locations* (name, address) VALUES ('Plovdiv', 'addr2');

INSERT INTO FN72029.*Locations* (name, address) VALUES ('Varna', 'addr3');

INSERT INTO FN72029.*Locations* (name, address) VALUES ('Pernik', 'addr4');

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog food', 5, 2, 1);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog food', 10, 2, 2);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog food', 2, 2, 3);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('cat food', 6, 3, 1);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('cat food', 14, 3, 2);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('cat food', 7, 3, 3);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('cat food', 12, 3, 4);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog pills', 8, 15, 1);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog pills', 5, 15, 2);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog pills', 7, 15, 3);

INSERT INTO FN72029.*Consumables* (name, quantity, price, location) VALUES ('dog pills', 5, 15, 4);

INSERT INTO FN72029.*Clients* (name, phone\_number, address) VALUES ('Ivan', '088888888', 'addr1');

INSERT INTO FN72029.*Clients* (name, phone\_number, address) VALUES ('Georgi', '0899999999', 'addr2');

INSERT INTO FN72029.*Clients* (name, phone\_number, address) VALUES ('Boyan', '0777777777', 'addr3');

INSERT INTO FN72029.*Animals* (name, type, breed, age, owner) VALUES ('dogo', 'dog', 'golden', 7, 1);

INSERT INTO FN72029.*Animals* (name, type, breed, age, owner) VALUES ('dari', 'dog', 'street', 1, 3);

INSERT INTO FN72029.*Animals* (name, type, breed, age, owner) VALUES ('lori', 'cat', 'street', 9, 2);

INSERT INTO FN72029.*Examinations* (animal, location, description, price) VALUES (1,1,'burz pregled', 50);

INSERT INTO FN72029.*Examinations* (animal, location, description, price) VALUES (2,1,'golyam pregled', 100);

INSERT INTO FN72029.*Examinations* (animal, location, description, price) VALUES (3,3,'sreden pregled', 80);

CREATE VIEW ClientAnimals

AS

SELECT c.*name* as Client, a.*name* as animal

FROM Clients c, Animals a

WHERE c.*id* **=** a.*owner*;

CREATE VIEW AnimalExamination

AS

SELECT e.*description* as Examination, a.*name* as animal

FROM Examinations e, Animals a

WHERE e.*animal* **=** a.*id*;

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Боян Дончев

Фн:72029