## Министерство науки и высшего образования Российской Федерации

федеральное государственное автономное образовательное учреждение высшего образования

## «НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО»

**Отчет**

по лабораторной работе №3.2

«СОЗДАНИЕ ТАБЛИЦ БАЗЫ ДАННЫХ POSTGRESQL. ЗАПОЛНЕНИЕ ТАБЛИЦ РАБОЧИМИ ДАННЫМИ»

по дисциплине «**Проектирование и реализация баз данных**»

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Оглавление

[Цель работы 3](#_bookmark0)

[Практическое задание 3](#_bookmark1)

[Индивидуальное задание 3](#_bookmark2)

[Выполнение 4](#_bookmark3)

[Схема инфологической модели в нотации IDEF1X 4](#_bookmark4)

[EDR диаграмма 4](#_bookmark5)

[Скрипт резервной копии 4](#_bookmark6)

[Вывод 30](#_bookmark7)

## Цель работы

Овладеть практическими навыками создания таблиц базы данных PostgreSQL 1Х, заполнения их рабочими данными, резервного копирования и восстановления БД.

## Практическое задание

1. Создать базу данных с использованием pgAdmin 4 (согласно индивидуальному заданию).
2. Создать схему в составе базы данных.
3. Создать таблицы базы данных.
4. Установить ограничения на данные: *Primary Key, Unique, Check, Foreign Key*.
5. Заполнить таблицы БД рабочими данными.
6. Создать резервную копию БД.

*Указание:*

*Создать две резервные копии:*

* + *с расширением CUSTOM для восстановления БД;*
  + *с расширением PLAIN для листинга (в отчете);*
  + *при создании резервных копий БД настроить параметры Dump options для Type of objects и Queries .*

1. Восстановить БД.

## Индивидуальное задание

***Вариант 13. Ресторан.***

Описание предметной области:

Необходимо создать систему для обслуживания заказов клиентов в ресторане.

Сотрудники ресторана – повара и официанты.

За каждым официантом закреплены определенные столы за смену. Клиенты могут

бронировать столы заранее.

Каждый повар может готовить определенный набор блюд.

Официант принимает заказ от стола и передает его на кухню. Шеф-повар распределяет

блюда для приготовления между поварами. В одном заказе может быть несколько

одинаковых или разных блюд.

Запас продуктов на складе не должен быть ниже заданного значения.

Цена заказа складывается из стоимости ингредиентов и наценки, которая составляет

40% стоимости ингредиентов.

БД должна содержать следующий минимальный набор сведений: Табельный номер

сотрудника. ФИО сотрудника. Паспортные данные сотрудника. Категория сотрудника.

Должность сотрудника. Оклад сотрудника. Наименование ингредиента. Код ингредиента.

Дата закупки. Объем закупки. Количество продукта на складе. Необходимый запас

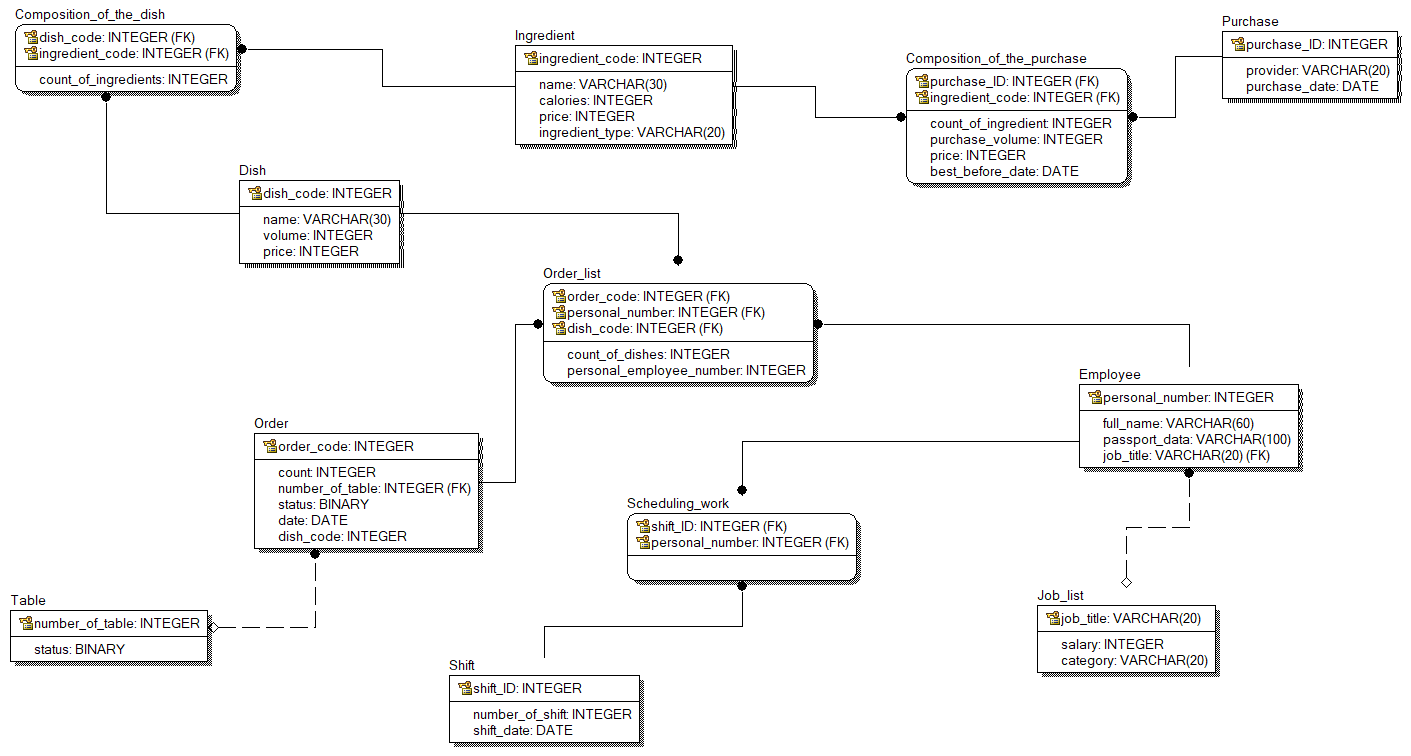
продукта. Срок годности. Цена ингредиента. Калорийность (на 100г продукта). Поставщик.

Наименование блюда. Код блюда. Объем ингредиента. Номер стола. Дата заказа. Код

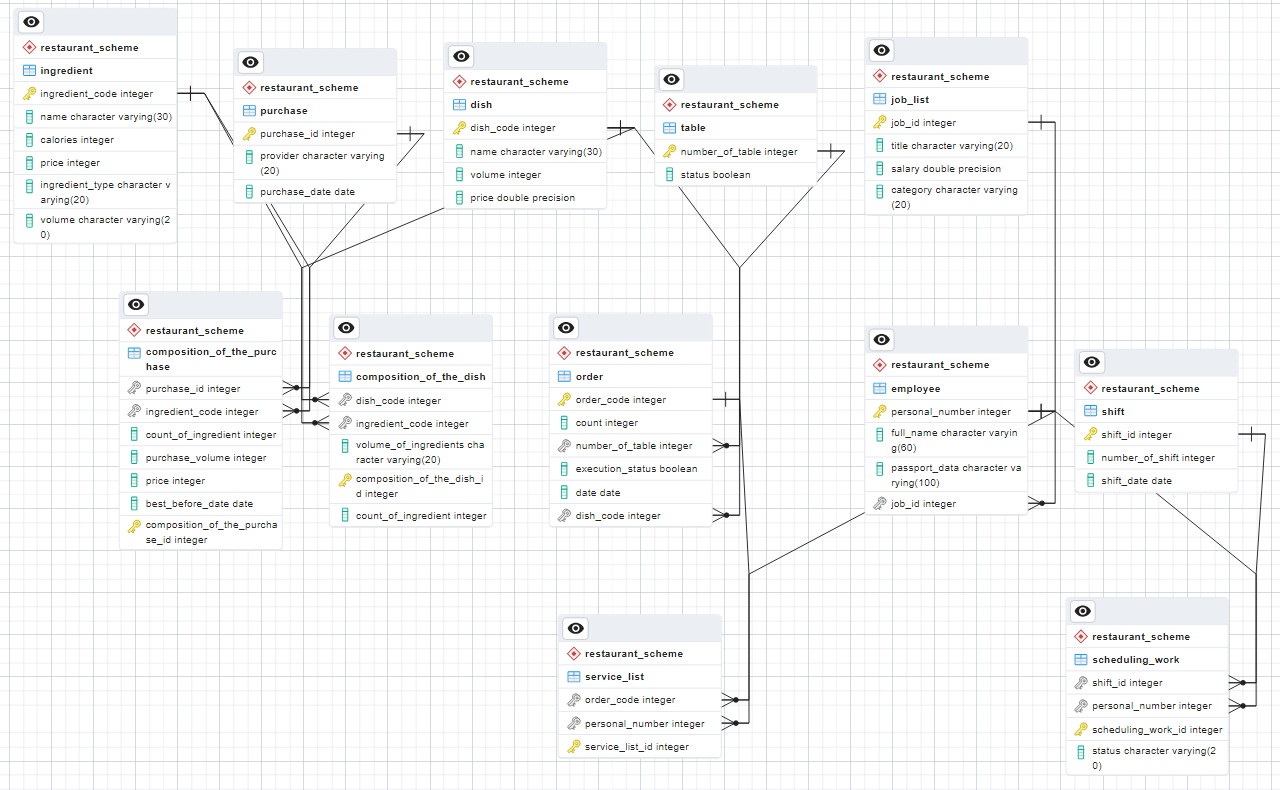
заказа. Количество. Название блюда. Ингредиенты, входящие в блюдо. Тип ингредиента.

## Выполнение

# Схема инфологической модели в нотации IDEF1X



# EDR диаграмма



# Скрипт резервной копии

--

-- PostgreSQL database dump

--

-- Dumped from database version 16.1

-- Dumped by pg\_dump version 16.1

-- Started on 2024-02-20 18:03:50

SET statement\_timeout = 0;

SET lock\_timeout = 0;

SET idle\_in\_transaction\_session\_timeout = 0;

SET client\_encoding = 'UTF8';

SET standard\_conforming\_strings = on;

SELECT pg\_catalog.set\_config('search\_path', '', false);

SET check\_function\_bodies = false;

SET xmloption = content;

SET client\_min\_messages = warning;

SET row\_security = off;

DROP DATABASE restaurant;

--

-- TOC entry 4987 (class 1262 OID 16396)

-- Name: restaurant; Type: DATABASE; Schema: -; Owner: postgres

--

CREATE DATABASE restaurant WITH TEMPLATE = template0 ENCODING = 'UTF8' LOCALE\_PROVIDER = libc LOCALE = 'Russian\_Russia.1251';

ALTER DATABASE restaurant OWNER TO postgres;

\connect restaurant

SET statement\_timeout = 0;

SET lock\_timeout = 0;

SET idle\_in\_transaction\_session\_timeout = 0;

SET client\_encoding = 'UTF8';

SET standard\_conforming\_strings = on;

SELECT pg\_catalog.set\_config('search\_path', '', false);

SET check\_function\_bodies = false;

SET xmloption = content;

SET client\_min\_messages = warning;

SET row\_security = off;

--

-- TOC entry 6 (class 2615 OID 16397)

-- Name: restaurant\_scheme; Type: SCHEMA; Schema: -; Owner: postgres

--

CREATE SCHEMA restaurant\_scheme;

ALTER SCHEMA restaurant\_scheme OWNER TO postgres;

SET default\_tablespace = '';

SET default\_table\_access\_method = heap;

--

-- TOC entry 236 (class 1259 OID 16520)

-- Name: composition\_of\_the\_dish; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.composition\_of\_the\_dish (

dish\_code integer NOT NULL,

ingredient\_code integer NOT NULL,

volume\_of\_ingredients character varying(20) NOT NULL,

composition\_of\_the\_dish\_id integer NOT NULL,

count\_of\_ingredient integer,

CONSTRAINT check\_count\_of\_ingredient CHECK ((count\_of\_ingredient > 0))

);

ALTER TABLE restaurant\_scheme.composition\_of\_the\_dish OWNER TO postgres;

--

-- TOC entry 238 (class 1259 OID 16741)

-- Name: composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE SEQUENCE restaurant\_scheme.composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

ALTER SEQUENCE restaurant\_scheme.composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq OWNER TO postgres;

--

-- TOC entry 4988 (class 0 OID 0)

-- Dependencies: 238

-- Name: composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq; Type: SEQUENCE OWNED BY; Schema: restaurant\_scheme; Owner: postgres

--

ALTER SEQUENCE restaurant\_scheme.composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq OWNED BY restaurant\_scheme.composition\_of\_the\_dish.composition\_of\_the\_dish\_id;

--

-- TOC entry 233 (class 1259 OID 16492)

-- Name: composition\_of\_the\_purchase; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.composition\_of\_the\_purchase (

purchase\_id integer NOT NULL,

ingredient\_code integer NOT NULL,

count\_of\_ingredient integer NOT NULL,

purchase\_volume integer NOT NULL,

price integer NOT NULL,

best\_before\_date date NOT NULL,

composition\_of\_the\_purchase\_id integer NOT NULL,

CONSTRAINT check\_best\_before\_date CHECK ((best\_before\_date >= '2024-01-01'::date)),

CONSTRAINT check\_count\_of\_ingredient CHECK ((count\_of\_ingredient >= 0)),

CONSTRAINT check\_price CHECK ((price >= 0)),

CONSTRAINT check\_purchase\_volume CHECK ((purchase\_volume >= 0))

);

ALTER TABLE restaurant\_scheme.composition\_of\_the\_purchase OWNER TO postgres;

--

-- TOC entry 239 (class 1259 OID 16748)

-- Name: composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE SEQUENCE restaurant\_scheme.composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

ALTER SEQUENCE restaurant\_scheme.composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq OWNER TO postgres;

--

-- TOC entry 4989 (class 0 OID 0)

-- Dependencies: 239

-- Name: composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq; Type: SEQUENCE OWNED BY; Schema: restaurant\_scheme; Owner: postgres

--

ALTER SEQUENCE restaurant\_scheme.composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq OWNED BY restaurant\_scheme.composition\_of\_the\_purchase.composition\_of\_the\_purchase\_id;

--

-- TOC entry 232 (class 1259 OID 16491)

-- Name: composition\_of\_the\_purchase\_ingredient\_code\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.composition\_of\_the\_purchase ALTER COLUMN ingredient\_code ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.composition\_of\_the\_purchase\_ingredient\_code\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 231 (class 1259 OID 16490)

-- Name: composition\_of\_the\_purchase\_purchase\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.composition\_of\_the\_purchase ALTER COLUMN purchase\_id ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.composition\_of\_the\_purchase\_purchase\_id\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 235 (class 1259 OID 16510)

-- Name: dish; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.dish (

dish\_code integer NOT NULL,

name character varying(30) NOT NULL,

volume integer NOT NULL,

price double precision NOT NULL,

CONSTRAINT check\_name CHECK (((name)::text ~ '^[A-Za-zА-ЯЁа-яё" -]+$'::text)),

CONSTRAINT check\_price CHECK ((price > (0)::double precision)),

CONSTRAINT check\_volume CHECK ((volume > 0))

);

ALTER TABLE restaurant\_scheme.dish OWNER TO postgres;

--

-- TOC entry 234 (class 1259 OID 16509)

-- Name: dish\_dish\_code\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.dish ALTER COLUMN dish\_code ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.dish\_dish\_code\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 219 (class 1259 OID 16409)

-- Name: employee; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.employee (

personal\_number integer NOT NULL,

full\_name character varying(60) NOT NULL,

passport\_data character varying(100) NOT NULL,

job\_id integer NOT NULL,

CONSTRAINT check\_full\_name CHECK (((full\_name)::text ~ '^[a-zA-Zа-яёА-ЯЁ0-9 -]+$'::text)),

CONSTRAINT check\_passport\_data CHECK (((passport\_data)::text ~ '^[a-zA-Zа-яёА-ЯЁ0-9 -]+$'::text))

);

ALTER TABLE restaurant\_scheme.employee OWNER TO postgres;

--

-- TOC entry 218 (class 1259 OID 16407)

-- Name: employee\_personal\_number\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.employee ALTER COLUMN personal\_number ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.employee\_personal\_number\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 230 (class 1259 OID 16481)

-- Name: ingredient; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.ingredient (

ingredient\_code integer NOT NULL,

name character varying(30) NOT NULL,

calories integer,

price integer NOT NULL,

ingredient\_type character varying(20),

volume character varying(20),

CONSTRAINT check\_calories CHECK ((calories >= 0)),

CONSTRAINT check\_ingredient\_type CHECK (((ingredient\_type)::text ~ '^[A-Za-zА-ЯЁа-яё -]+$'::text)),

CONSTRAINT check\_name CHECK (((name)::text ~ '^[A-Za-zА-ЯЁа-яё -]+$'::text)),

CONSTRAINT check\_price CHECK ((price >= 0)),

CONSTRAINT check\_volume CHECK (((volume)::text ~ '^[A-Za-zА-ЯЁа-яё0-9" -]+$'::text))

);

ALTER TABLE restaurant\_scheme.ingredient OWNER TO postgres;

--

-- TOC entry 229 (class 1259 OID 16480)

-- Name: ingredient\_ingredient\_code\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.ingredient ALTER COLUMN ingredient\_code ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.ingredient\_ingredient\_code\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 217 (class 1259 OID 16399)

-- Name: job\_list; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.job\_list (

job\_id integer NOT NULL,

title character varying(20) NOT NULL,

salary double precision NOT NULL,

category character varying(20),

CONSTRAINT check\_category CHECK (((title)::text ~ '^[a-zA-Zа-яёА-ЯЁ0-9 -]+$'::text)),

CONSTRAINT check\_salary CHECK ((salary >= (0)::double precision)),

CONSTRAINT check\_title CHECK (((title)::text ~ '^[a-zA-Zа-яёА-ЯЁ0-9 -]+$'::text))

);

ALTER TABLE restaurant\_scheme.job\_list OWNER TO postgres;

--

-- TOC entry 216 (class 1259 OID 16398)

-- Name: job\_list\_job\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.job\_list ALTER COLUMN job\_id ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.job\_list\_job\_id\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 226 (class 1259 OID 16458)

-- Name: order; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme."order" (

order\_code integer NOT NULL,

count integer NOT NULL,

number\_of\_table integer NOT NULL,

execution\_status boolean DEFAULT false NOT NULL,

date date NOT NULL,

dish\_code integer NOT NULL,

CONSTRAINT check\_count CHECK ((count > 0)),

CONSTRAINT check\_date CHECK ((date >= '2024-01-01'::date)),

CONSTRAINT check\_dish\_code CHECK ((dish\_code >= 0))

);

ALTER TABLE restaurant\_scheme."order" OWNER TO postgres;

--

-- TOC entry 225 (class 1259 OID 16456)

-- Name: order\_order\_code\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme."order" ALTER COLUMN order\_code ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.order\_order\_code\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 228 (class 1259 OID 16473)

-- Name: purchase; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.purchase (

purchase\_id integer NOT NULL,

provider character varying(20) NOT NULL,

purchase\_date date NOT NULL,

CONSTRAINT check\_provider CHECK (((provider)::text ~ '^[A-Za-zА-ЯЁа-яё" -]+$'::text)),

CONSTRAINT check\_purchase\_date CHECK ((purchase\_date >= '2024-01-01'::date))

);

ALTER TABLE restaurant\_scheme.purchase OWNER TO postgres;

--

-- TOC entry 227 (class 1259 OID 16472)

-- Name: purchase\_purchase\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.purchase ALTER COLUMN purchase\_id ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.purchase\_purchase\_id\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 222 (class 1259 OID 16436)

-- Name: scheduling\_work; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.scheduling\_work (

shift\_id integer NOT NULL,

personal\_number integer NOT NULL,

scheduling\_work\_id integer NOT NULL,

status character varying(20),

CONSTRAINT check\_status CHECK (((status)::text = ANY ((ARRAY['Вышел'::character varying, 'Не вышел'::character varying, 'Прогул'::character varying, 'Отгул'::character varying, 'Отпуск'::character varying])::text[])))

);

ALTER TABLE restaurant\_scheme.scheduling\_work OWNER TO postgres;

--

-- TOC entry 241 (class 1259 OID 16762)

-- Name: scheduling\_work\_scheduling\_work\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE SEQUENCE restaurant\_scheme.scheduling\_work\_scheduling\_work\_id\_seq

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

ALTER SEQUENCE restaurant\_scheme.scheduling\_work\_scheduling\_work\_id\_seq OWNER TO postgres;

--

-- TOC entry 4990 (class 0 OID 0)

-- Dependencies: 241

-- Name: scheduling\_work\_scheduling\_work\_id\_seq; Type: SEQUENCE OWNED BY; Schema: restaurant\_scheme; Owner: postgres

--

ALTER SEQUENCE restaurant\_scheme.scheduling\_work\_scheduling\_work\_id\_seq OWNED BY restaurant\_scheme.scheduling\_work.scheduling\_work\_id;

--

-- TOC entry 237 (class 1259 OID 16537)

-- Name: service\_list; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.service\_list (

order\_code integer NOT NULL,

personal\_number integer NOT NULL,

service\_list\_id integer NOT NULL

);

ALTER TABLE restaurant\_scheme.service\_list OWNER TO postgres;

--

-- TOC entry 240 (class 1259 OID 16755)

-- Name: service\_list\_service\_list\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE SEQUENCE restaurant\_scheme.service\_list\_service\_list\_id\_seq

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

ALTER SEQUENCE restaurant\_scheme.service\_list\_service\_list\_id\_seq OWNER TO postgres;

--

-- TOC entry 4991 (class 0 OID 0)

-- Dependencies: 240

-- Name: service\_list\_service\_list\_id\_seq; Type: SEQUENCE OWNED BY; Schema: restaurant\_scheme; Owner: postgres

--

ALTER SEQUENCE restaurant\_scheme.service\_list\_service\_list\_id\_seq OWNED BY restaurant\_scheme.service\_list.service\_list\_id;

--

-- TOC entry 221 (class 1259 OID 16428)

-- Name: shift; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme.shift (

shift\_id integer NOT NULL,

number\_of\_shift integer NOT NULL,

shift\_date date NOT NULL,

CONSTRAINT check\_number\_of\_shift CHECK (((number\_of\_shift >= 1) AND (number\_of\_shift <= 4))),

CONSTRAINT check\_shift\_date CHECK ((shift\_date >= '2024-01-01'::date))

);

ALTER TABLE restaurant\_scheme.shift OWNER TO postgres;

--

-- TOC entry 220 (class 1259 OID 16426)

-- Name: shift\_shift\_id\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme.shift ALTER COLUMN shift\_id ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.shift\_shift\_id\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 224 (class 1259 OID 16450)

-- Name: table; Type: TABLE; Schema: restaurant\_scheme; Owner: postgres

--

CREATE TABLE restaurant\_scheme."table" (

number\_of\_table integer NOT NULL,

status boolean DEFAULT true NOT NULL

);

ALTER TABLE restaurant\_scheme."table" OWNER TO postgres;

--

-- TOC entry 223 (class 1259 OID 16449)

-- Name: table\_number\_of\_table\_seq; Type: SEQUENCE; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE restaurant\_scheme."table" ALTER COLUMN number\_of\_table ADD GENERATED BY DEFAULT AS IDENTITY (

SEQUENCE NAME restaurant\_scheme.table\_number\_of\_table\_seq

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1

);

--

-- TOC entry 4750 (class 2604 OID 16742)

-- Name: composition\_of\_the\_dish composition\_of\_the\_dish\_id; Type: DEFAULT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_dish ALTER COLUMN composition\_of\_the\_dish\_id SET DEFAULT nextval('restaurant\_scheme.composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq'::regclass);

--

-- TOC entry 4749 (class 2604 OID 16749)

-- Name: composition\_of\_the\_purchase composition\_of\_the\_purchase\_id; Type: DEFAULT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_purchase ALTER COLUMN composition\_of\_the\_purchase\_id SET DEFAULT nextval('restaurant\_scheme.composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq'::regclass);

--

-- TOC entry 4746 (class 2604 OID 16763)

-- Name: scheduling\_work scheduling\_work\_id; Type: DEFAULT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.scheduling\_work ALTER COLUMN scheduling\_work\_id SET DEFAULT nextval('restaurant\_scheme.scheduling\_work\_scheduling\_work\_id\_seq'::regclass);

--

-- TOC entry 4751 (class 2604 OID 16756)

-- Name: service\_list service\_list\_id; Type: DEFAULT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.service\_list ALTER COLUMN service\_list\_id SET DEFAULT nextval('restaurant\_scheme.service\_list\_service\_list\_id\_seq'::regclass);

--

-- TOC entry 4976 (class 0 OID 16520)

-- Dependencies: 236

-- Data for Name: composition\_of\_the\_dish; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 23, 'г', 6, 150);

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 8, 'шт', 3, 6);

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 7, 'г', 2, 500);

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 22, 'г', 5, 250);

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 21, 'мл', 4, 300);

INSERT INTO restaurant\_scheme.composition\_of\_the\_dish (dish\_code, ingredient\_code, volume\_of\_ingredients, composition\_of\_the\_dish\_id, count\_of\_ingredient) VALUES (15, 4, 'г', 1, 10);

--

-- TOC entry 4973 (class 0 OID 16492)

-- Dependencies: 233

-- Data for Name: composition\_of\_the\_purchase; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.composition\_of\_the\_purchase (purchase\_id, ingredient\_code, count\_of\_ingredient, purchase\_volume, price, best\_before\_date, composition\_of\_the\_purchase\_id) VALUES (2, 15, 10, 1000, 100, '2024-01-10', 1);

INSERT INTO restaurant\_scheme.composition\_of\_the\_purchase (purchase\_id, ingredient\_code, count\_of\_ingredient, purchase\_volume, price, best\_before\_date, composition\_of\_the\_purchase\_id) VALUES (2, 6, 8, 1000, 96, '2024-01-10', 2);

INSERT INTO restaurant\_scheme.composition\_of\_the\_purchase (purchase\_id, ingredient\_code, count\_of\_ingredient, purchase\_volume, price, best\_before\_date, composition\_of\_the\_purchase\_id) VALUES (2, 19, 5, 1000, 115, '2024-01-10', 3);

INSERT INTO restaurant\_scheme.composition\_of\_the\_purchase (purchase\_id, ingredient\_code, count\_of\_ingredient, purchase\_volume, price, best\_before\_date, composition\_of\_the\_purchase\_id) VALUES (2, 10, 30, 1000, 240, '2024-01-10', 4);

INSERT INTO restaurant\_scheme.composition\_of\_the\_purchase (purchase\_id, ingredient\_code, count\_of\_ingredient, purchase\_volume, price, best\_before\_date, composition\_of\_the\_purchase\_id) VALUES (2, 13, 3, 1000, 21, '2024-01-10', 5);

--

-- TOC entry 4975 (class 0 OID 16510)

-- Dependencies: 235

-- Data for Name: dish; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (1, 'Салат Цезарь', 250, 350);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (2, 'Суп Том Ям', 300, 450);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (3, 'Стейк из говядины', 400, 700);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (4, 'Паста Болоньезе', 350, 400);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (5, 'Роллы Филадельфия', 200, 550);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (6, 'Лосось с терияки', 300, 600);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (7, 'Шницель с картошкой', 350, 500);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (8, 'Пицца Маргарита', 500, 550);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (9, 'Утка по-пекински', 450, 800);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (10, 'Лазанья', 400, 450);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (11, 'Суши сэт "Дракон"', 300, 650);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (12, 'Карри с курицей', 300, 480);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (13, 'Форель с лимоном', 350, 600);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (14, 'Креветки в чесночном соусе', 250, 700);

INSERT INTO restaurant\_scheme.dish (dish\_code, name, volume, price) VALUES (15, 'Тирамису', 150, 300);

--

-- TOC entry 4959 (class 0 OID 16409)

-- Dependencies: 219

-- Data for Name: employee; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (3, 'Иван Андреев', '12 34 567890', 1);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (4, 'Анна Смирнова', '23 43 825322', 2);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (5, 'Михаил Петров', '53 57 324518', 2);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (6, 'Екатерина Сидорова', '89 94 692753', 7);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (7, 'Алексей Васнецов', '68 21 602448', 6);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (8, 'Ольга Козлова', '53 75 296045', 5);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (9, 'Даниил Лебедев', '98 32 110453', 4);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (10, 'София Тимофеева', '83 30 108537', 6);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (11, 'Леон Токарев', '87 26 120502', 3);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (12, 'Игорь Сапрыкин', '99 92 831564', 2);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (13, 'Елена Горохова', '25 10 245024', 8);

INSERT INTO restaurant\_scheme.employee (personal\_number, full\_name, passport\_data, job\_id) VALUES (14, 'Алексей Черепанов', '27 19 295336', 5);

--

-- TOC entry 4970 (class 0 OID 16481)

-- Dependencies: 230

-- Data for Name: ingredient; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (4, 'Сахар', 400, 30, 'Сухие продукты', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (9, 'Перец черный', 0, 10, 'Специи', '10 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (6, 'Томаты', 18, 12, 'Овощи', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (17, 'Куриное мясо', 165, 65, 'Свежие продукты', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (15, 'Огурцы', 16, 10, 'Овощи', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (19, 'Авокадо', 160, 23, 'Овощи', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (10, 'Лук', 40, 8, 'Овощи', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (11, 'Сметана', 300, 40, 'Молочные продукты', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (7, 'Сыр', 250, 50, 'Молочные продукты', '300 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (16, 'Картофель', 77, 9, 'Овощи', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (18, 'Лимон', 29, 6, 'Фрукты', '300 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (3, 'Мука', 350, 25, 'Сухие продукты', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (14, 'Паприка', 0, 15, 'Специи', '15 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (20, 'Рис', 130, 20, 'Сухие продукты', '500 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (12, 'Соль поваренная', 0, 3, 'Сухие продукты', '1 кг');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (8, 'Яйцо', 70, 5, 'Свежие продукты', '10 штук');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (13, 'Чеснок', 5, 7, 'Овощи', '100 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (5, 'Масло оливковое', 120, 75, 'Жидкие продукты', '500 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (21, 'Кофе', 0, 20, 'Сухие продукты', '500 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (22, 'Сливочное масло', 700, 50, 'Молочные продукты', '250 г');

INSERT INTO restaurant\_scheme.ingredient (ingredient\_code, name, calories, price, ingredient\_type, volume) VALUES (23, 'Какао порошок', 0, 10, 'Сухие продукты', '100 г');

--

-- TOC entry 4957 (class 0 OID 16399)

-- Dependencies: 217

-- Data for Name: job\_list; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (1, 'Шеф-повар', 60000, 'Кухня');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (2, 'Официант', 30000, 'Обслуживание');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (3, 'Бармен', 35000, 'Обслуживание');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (4, 'Суши-шеф', 50000, 'Кухня');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (5, 'Мойщик посуды', 25000, 'Кухня');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (6, 'Повар', 40000, 'Кухня');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (7, 'Помощник официанта', 27000, 'Обслуживание');

INSERT INTO restaurant\_scheme.job\_list (job\_id, title, salary, category) VALUES (8, 'Менеджер', 70000, 'Управление');

--

-- TOC entry 4966 (class 0 OID 16458)

-- Dependencies: 226

-- Data for Name: order; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme."order" (order\_code, count, number\_of\_table, execution\_status, date, dish\_code) VALUES (6, 1, 11, false, '2024-01-03', 11);

INSERT INTO restaurant\_scheme."order" (order\_code, count, number\_of\_table, execution\_status, date, dish\_code) VALUES (5, 2, 3, true, '2024-01-02', 15);

INSERT INTO restaurant\_scheme."order" (order\_code, count, number\_of\_table, execution\_status, date, dish\_code) VALUES (4, 2, 3, true, '2024-01-02', 6);

--

-- TOC entry 4968 (class 0 OID 16473)

-- Dependencies: 228

-- Data for Name: purchase; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.purchase (purchase\_id, provider, purchase\_date) VALUES (2, 'ООО "Золотые Зерна"', '2024-01-01');

INSERT INTO restaurant\_scheme.purchase (purchase\_id, provider, purchase\_date) VALUES (3, 'ИП "Фруктовый Рай"', '2024-01-01');

--

-- TOC entry 4962 (class 0 OID 16436)

-- Dependencies: 222

-- Data for Name: scheduling\_work; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (7, 10, 2, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (3, 8, 8, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (11, 11, 9, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (9, 13, 11, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (12, 12, 10, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (5, 4, 4, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (2, 5, 5, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (1, 3, 3, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (10, 14, 12, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (8, 7, 7, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (6, 6, 6, 'Отпуск');

INSERT INTO restaurant\_scheme.scheduling\_work (shift\_id, personal\_number, scheduling\_work\_id, status) VALUES (4, 9, 1, 'Отпуск');

--

-- TOC entry 4977 (class 0 OID 16537)

-- Dependencies: 237

-- Data for Name: service\_list; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (4, 5, 1);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (4, 3, 2);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (4, 6, 3);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (5, 5, 4);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (5, 3, 5);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (5, 6, 6);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (6, 4, 7);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (6, 10, 8);

INSERT INTO restaurant\_scheme.service\_list (order\_code, personal\_number, service\_list\_id) VALUES (6, 6, 9);

--

-- TOC entry 4961 (class 0 OID 16428)

-- Dependencies: 221

-- Data for Name: shift; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (1, 1, '2024-01-02');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (2, 2, '2024-01-02');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (6, 1, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (8, 1, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (4, 2, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (5, 2, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (3, 3, '2024-01-02');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (7, 3, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (9, 1, '2024-01-02');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (10, 1, '2024-01-02');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (11, 1, '2024-01-03');

INSERT INTO restaurant\_scheme.shift (shift\_id, number\_of\_shift, shift\_date) VALUES (12, 1, '2024-01-02');

--

-- TOC entry 4964 (class 0 OID 16450)

-- Dependencies: 224

-- Data for Name: table; Type: TABLE DATA; Schema: restaurant\_scheme; Owner: postgres

--

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (1, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (2, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (3, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (4, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (5, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (6, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (7, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (8, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (9, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (10, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (11, true);

INSERT INTO restaurant\_scheme."table" (number\_of\_table, status) VALUES (12, true);

--

-- TOC entry 4992 (class 0 OID 0)

-- Dependencies: 238

-- Name: composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.composition\_of\_the\_dish\_composition\_of\_the\_dish\_id\_seq', 6, true);

--

-- TOC entry 4993 (class 0 OID 0)

-- Dependencies: 239

-- Name: composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.composition\_of\_the\_purchase\_composition\_of\_the\_purchase\_id\_seq', 5, true);

--

-- TOC entry 4994 (class 0 OID 0)

-- Dependencies: 232

-- Name: composition\_of\_the\_purchase\_ingredient\_code\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.composition\_of\_the\_purchase\_ingredient\_code\_seq', 1, false);

--

-- TOC entry 4995 (class 0 OID 0)

-- Dependencies: 231

-- Name: composition\_of\_the\_purchase\_purchase\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.composition\_of\_the\_purchase\_purchase\_id\_seq', 1, true);

--

-- TOC entry 4996 (class 0 OID 0)

-- Dependencies: 234

-- Name: dish\_dish\_code\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.dish\_dish\_code\_seq', 15, true);

--

-- TOC entry 4997 (class 0 OID 0)

-- Dependencies: 218

-- Name: employee\_personal\_number\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.employee\_personal\_number\_seq', 14, true);

--

-- TOC entry 4998 (class 0 OID 0)

-- Dependencies: 229

-- Name: ingredient\_ingredient\_code\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.ingredient\_ingredient\_code\_seq', 23, true);

--

-- TOC entry 4999 (class 0 OID 0)

-- Dependencies: 216

-- Name: job\_list\_job\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.job\_list\_job\_id\_seq', 8, true);

--

-- TOC entry 5000 (class 0 OID 0)

-- Dependencies: 225

-- Name: order\_order\_code\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.order\_order\_code\_seq', 6, true);

--

-- TOC entry 5001 (class 0 OID 0)

-- Dependencies: 227

-- Name: purchase\_purchase\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.purchase\_purchase\_id\_seq', 3, true);

--

-- TOC entry 5002 (class 0 OID 0)

-- Dependencies: 241

-- Name: scheduling\_work\_scheduling\_work\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.scheduling\_work\_scheduling\_work\_id\_seq', 12, true);

--

-- TOC entry 5003 (class 0 OID 0)

-- Dependencies: 240

-- Name: service\_list\_service\_list\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.service\_list\_service\_list\_id\_seq', 9, true);

--

-- TOC entry 5004 (class 0 OID 0)

-- Dependencies: 220

-- Name: shift\_shift\_id\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.shift\_shift\_id\_seq', 12, true);

--

-- TOC entry 5005 (class 0 OID 0)

-- Dependencies: 223

-- Name: table\_number\_of\_table\_seq; Type: SEQUENCE SET; Schema: restaurant\_scheme; Owner: postgres

--

SELECT pg\_catalog.setval('restaurant\_scheme.table\_number\_of\_table\_seq', 12, true);

--

-- TOC entry 4799 (class 2606 OID 16747)

-- Name: composition\_of\_the\_dish composition\_of\_the\_dish\_id; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_dish

ADD CONSTRAINT composition\_of\_the\_dish\_id PRIMARY KEY (composition\_of\_the\_dish\_id);

--

-- TOC entry 4795 (class 2606 OID 16754)

-- Name: composition\_of\_the\_purchase composition\_of\_the\_purchase\_id; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_purchase

ADD CONSTRAINT composition\_of\_the\_purchase\_id PRIMARY KEY (composition\_of\_the\_purchase\_id);

--

-- TOC entry 4797 (class 2606 OID 16517)

-- Name: dish dish\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.dish

ADD CONSTRAINT dish\_pk PRIMARY KEY (dish\_code);

--

-- TOC entry 4781 (class 2606 OID 16415)

-- Name: employee employee\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.employee

ADD CONSTRAINT employee\_pk PRIMARY KEY (personal\_number);

--

-- TOC entry 4793 (class 2606 OID 16489)

-- Name: ingredient ingredient\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.ingredient

ADD CONSTRAINT ingredient\_pk PRIMARY KEY (ingredient\_code);

--

-- TOC entry 4779 (class 2606 OID 16405)

-- Name: job\_list job\_list\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.job\_list

ADD CONSTRAINT job\_list\_pk PRIMARY KEY (job\_id);

--

-- TOC entry 4789 (class 2606 OID 16466)

-- Name: order order\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme."order"

ADD CONSTRAINT order\_pk PRIMARY KEY (order\_code);

--

-- TOC entry 4791 (class 2606 OID 16479)

-- Name: purchase purchase\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.purchase

ADD CONSTRAINT purchase\_pk PRIMARY KEY (purchase\_id);

--

-- TOC entry 4785 (class 2606 OID 16768)

-- Name: scheduling\_work scheduling\_work\_id; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.scheduling\_work

ADD CONSTRAINT scheduling\_work\_id PRIMARY KEY (scheduling\_work\_id);

--

-- TOC entry 4801 (class 2606 OID 16761)

-- Name: service\_list service\_list\_id; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.service\_list

ADD CONSTRAINT service\_list\_id PRIMARY KEY (service\_list\_id);

--

-- TOC entry 4783 (class 2606 OID 16432)

-- Name: shift shift\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.shift

ADD CONSTRAINT shift\_pk PRIMARY KEY (shift\_id);

--

-- TOC entry 4787 (class 2606 OID 16455)

-- Name: table table\_pk; Type: CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme."table"

ADD CONSTRAINT table\_pk PRIMARY KEY (number\_of\_table);

--

-- TOC entry 4809 (class 2606 OID 16524)

-- Name: composition\_of\_the\_dish composition\_of\_the\_dish\_dish\_dish\_code\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_dish

ADD CONSTRAINT composition\_of\_the\_dish\_dish\_dish\_code\_fk FOREIGN KEY (dish\_code) REFERENCES restaurant\_scheme.dish(dish\_code);

--

-- TOC entry 4810 (class 2606 OID 16529)

-- Name: composition\_of\_the\_dish composition\_of\_the\_dish\_ingredient\_ingredient\_code\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_dish

ADD CONSTRAINT composition\_of\_the\_dish\_ingredient\_ingredient\_code\_fk FOREIGN KEY (ingredient\_code) REFERENCES restaurant\_scheme.ingredient(ingredient\_code);

--

-- TOC entry 4807 (class 2606 OID 16504)

-- Name: composition\_of\_the\_purchase composition\_of\_the\_purchase\_ingredient\_ingredient\_code\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_purchase

ADD CONSTRAINT composition\_of\_the\_purchase\_ingredient\_ingredient\_code\_fk FOREIGN KEY (ingredient\_code) REFERENCES restaurant\_scheme.ingredient(ingredient\_code);

--

-- TOC entry 4808 (class 2606 OID 16499)

-- Name: composition\_of\_the\_purchase composition\_of\_the\_purchase\_purchase\_purchase\_id\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.composition\_of\_the\_purchase

ADD CONSTRAINT composition\_of\_the\_purchase\_purchase\_purchase\_id\_fk FOREIGN KEY (purchase\_id) REFERENCES restaurant\_scheme.purchase(purchase\_id);

--

-- TOC entry 4802 (class 2606 OID 16416)

-- Name: employee employee\_job\_list\_job\_id\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.employee

ADD CONSTRAINT employee\_job\_list\_job\_id\_fk FOREIGN KEY (job\_id) REFERENCES restaurant\_scheme.job\_list(job\_id);

--

-- TOC entry 4805 (class 2606 OID 16575)

-- Name: order order\_dish\_dish\_code\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme."order"

ADD CONSTRAINT order\_dish\_dish\_code\_fk FOREIGN KEY (dish\_code) REFERENCES restaurant\_scheme.dish(dish\_code);

--

-- TOC entry 4811 (class 2606 OID 16547)

-- Name: service\_list order\_list\_employee\_personal\_number\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.service\_list

ADD CONSTRAINT order\_list\_employee\_personal\_number\_fk FOREIGN KEY (personal\_number) REFERENCES restaurant\_scheme.employee(personal\_number);

--

-- TOC entry 4812 (class 2606 OID 16542)

-- Name: service\_list order\_list\_order\_order\_code\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.service\_list

ADD CONSTRAINT order\_list\_order\_order\_code\_fk FOREIGN KEY (order\_code) REFERENCES restaurant\_scheme."order"(order\_code);

--

-- TOC entry 4806 (class 2606 OID 16467)

-- Name: order order\_table\_number\_of\_table\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme."order"

ADD CONSTRAINT order\_table\_number\_of\_table\_fk FOREIGN KEY (number\_of\_table) REFERENCES restaurant\_scheme."table"(number\_of\_table);

--

-- TOC entry 4803 (class 2606 OID 16444)

-- Name: scheduling\_work scheduling\_work\_employee\_personal\_number\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.scheduling\_work

ADD CONSTRAINT scheduling\_work\_employee\_personal\_number\_fk FOREIGN KEY (personal\_number) REFERENCES restaurant\_scheme.employee(personal\_number);

--

-- TOC entry 4804 (class 2606 OID 16439)

-- Name: scheduling\_work scheduling\_work\_shift\_shift\_id\_fk; Type: FK CONSTRAINT; Schema: restaurant\_scheme; Owner: postgres

--

ALTER TABLE ONLY restaurant\_scheme.scheduling\_work

ADD CONSTRAINT scheduling\_work\_shift\_shift\_id\_fk FOREIGN KEY (shift\_id) REFERENCES restaurant\_scheme.shift(shift\_id);

-- Completed on 2024-02-20 18:03:50

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-- PostgreSQL database dump complete

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## Вывод

Я научился создавать бд с помощью pgAdmin4 и заполнять их данными. Также овладел навыком создания резервной копии и восстановления с ее помощью бд.