Отчет

по лабораторной работе №3.2

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

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

Автор: Зотов Михаил Дмитриевич

Факультет: ФИКТ

Группа: К3241

Преподаватель: Говорова М.М.

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Оглавление

Цель работы

Овладеть практическими навыками создания таблиц базы данных PostgreSQL 1X, 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 .*
7. 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 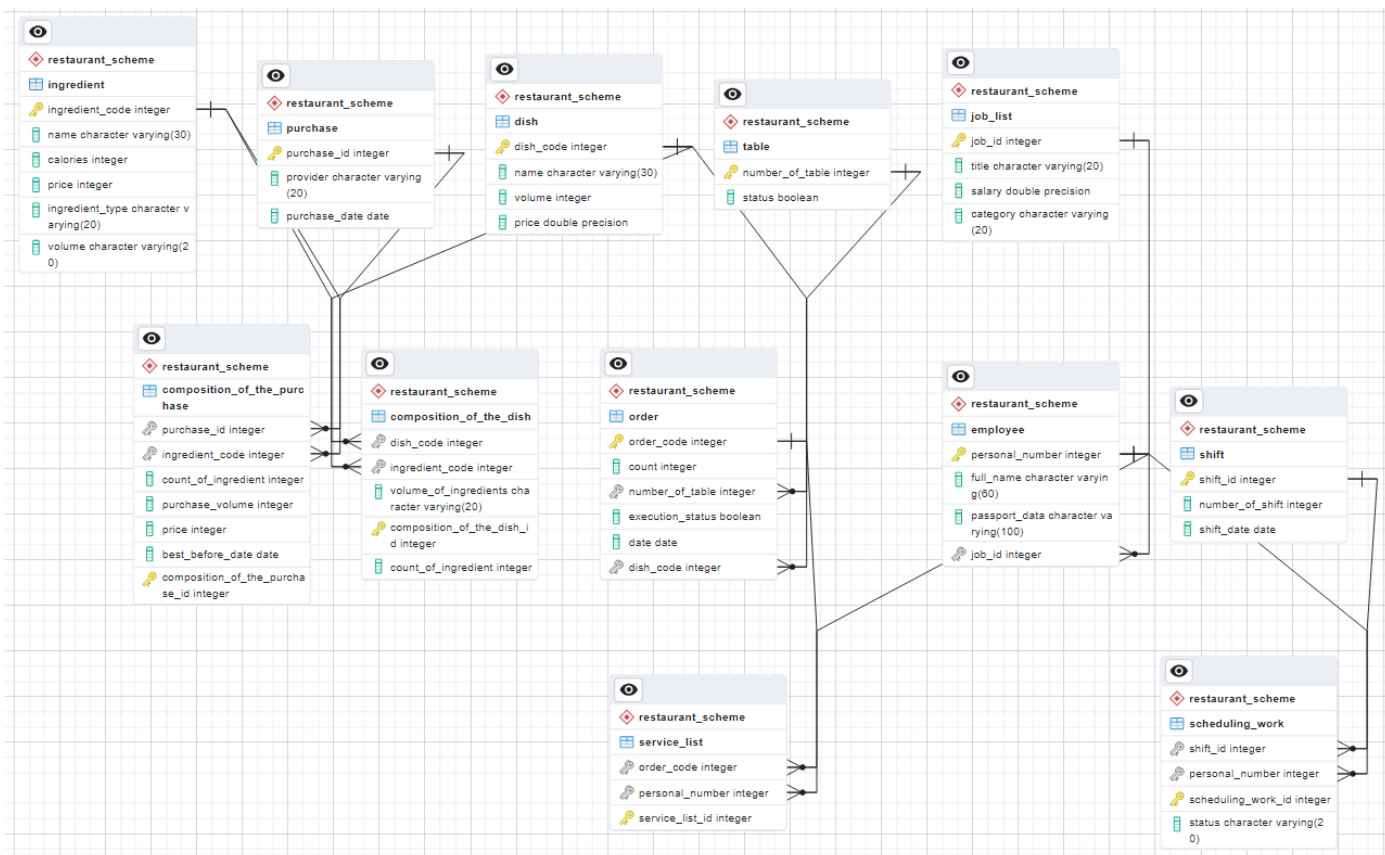(на 100г продукта). Поставщик. Наименование блюда. Код блюда. Объем ингредиента. Номер стола. Дата заказа. Код заказа. Количество. Название блюда. Ингредиенты, входящие в блюдо. Тип ингредиента.

Выполнение

Схема инфологической модели в нотации IDEF1X
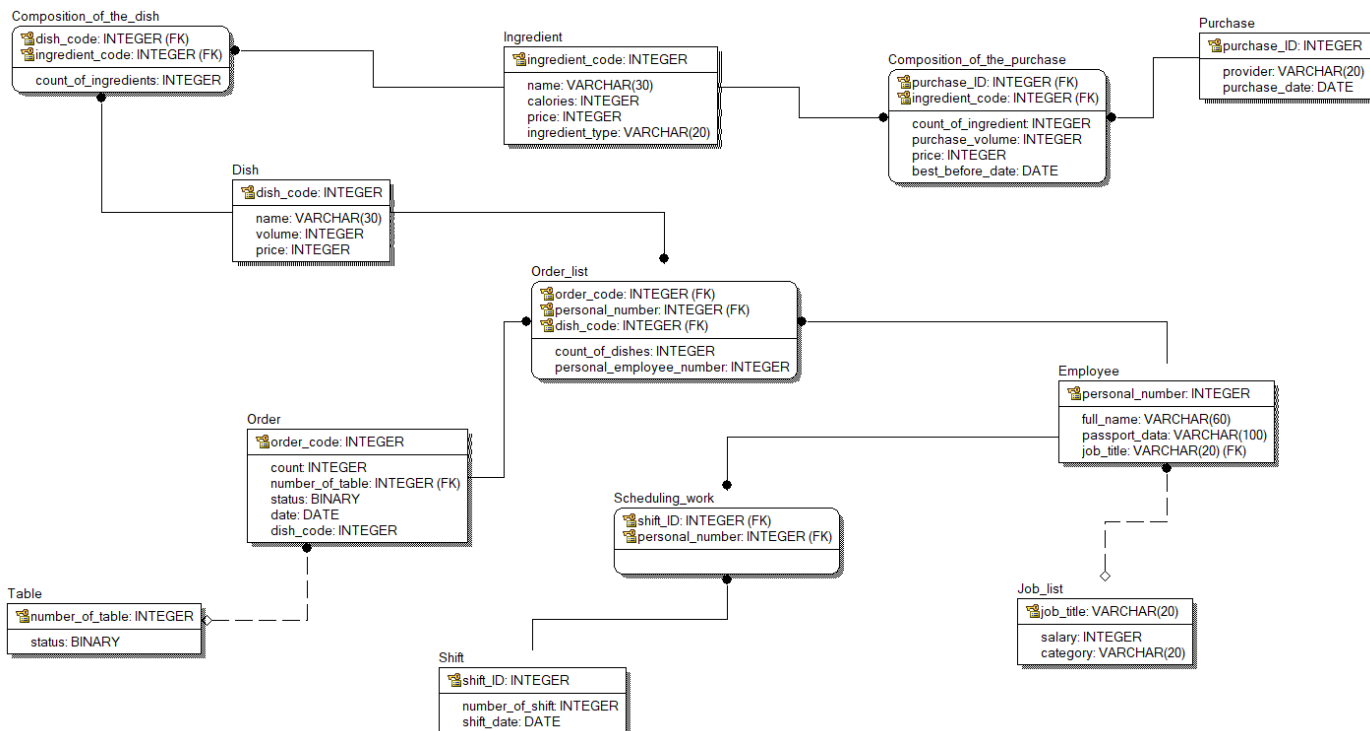
EDR диаграмма

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)

```sql
-- 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-zA-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-Za-яёА-ЯЁ0-9 -]+$'::text)),
    CONSTRAINT check_passport_data CHECK (((passport_data)::text ~ '^[a-zA-Za-яёА-ЯЁ0-9 -]+$'::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-zA-ЯЁа-яё -]+$'::text)),
    CONSTRAINT check_name CHECK (((name)::text ~ '^[A-Za-zA-ЯЁа-яё -]+$'::text)),
    CONSTRAINT check_price CHECK ((price >= 0)),
    CONSTRAINT check_volume CHECK (((volume)::text ~ '^[A-Za-zA-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-Za-яёA-ЯË0-9 -]+$'::text)),
    CONSTRAINT check_salary CHECK ((salary >= (0)::double precision)),
    CONSTRAINT check_title CHECK ((((title)::text ~ '^[a-zA-Za-яёA-ЯË0-9 -]+$'::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-zA-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

--
-- PostgreSQL database dump complete
--

Вывод

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