ОТЧЕТ

по Лабораторной работе № 3

«Создание таблиц базы данных PostgreSQL. Заполнение таблиц

рабочими данными»

по дисциплине «Проектирование и реализация баз данных»

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СОДЕРЖАНИЕ

ВВЕДЕНИЕ

Цель работы – овладеть практическими навыками создания таблиц базы данных PostgreSQL 1X, заполнения их рабочими данными, резервного копирования и восстановления БД.

Практическое задание:

– создать базу данных с использованием pgAdmin 4 (согласно индивидуальному заданию),

– создать схему в составе базы данных,

– создать таблицы базы данных,

– установить ограничения на данные: Primary Key, Unique, Check, Foreign Key,

– заполнить таблицы БД рабочими данными,

– 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.

– восстановить БД.

1 Выполнение

1.1 Название создаваемой базы данных

Название базы данных - «Курсы».

Изучение предметной области:

База данных разрабатывается для сети учебных подразделений НОУ ДПО, организующих программы внебюджетного образования.

Основная задача системы — составление расписания, поддержка образовательных программ краткосрочных курсов, направленных на повышение квалификации и профессиональную переподготовку в области ИТ.

Курсы включают теоретические и практические занятия по различным дисциплинам и завершаются аттестацией с выдачей документа об окончании.

Необходимый минимальный набор данных для хранения охватывает информацию о студентах, программах, дисциплинах, группах, преподавателях и учебных ресурсах (аудиториях и расписании занятий).

1.2 Схема инфологической модели данных БД в нотации IDEF1X

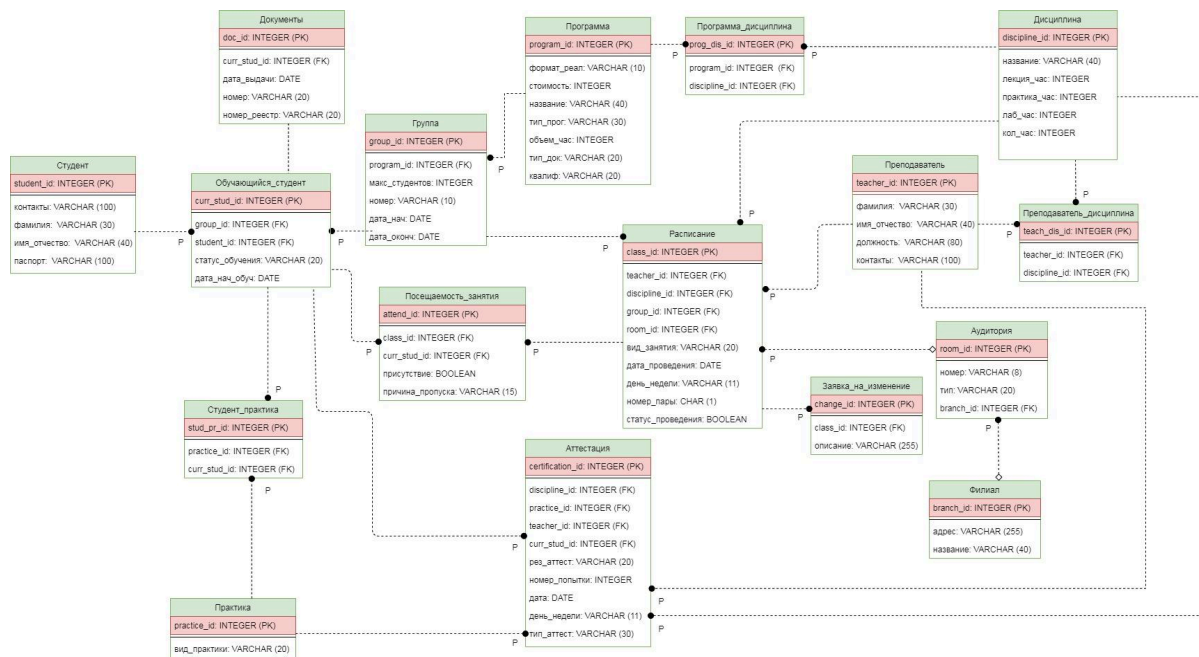Для создания базы данных использовалась схема модели из лабораторной работы 2 (рисунок 1).

Рисунок 1 – Схема инфологической модели данных БД в нотации IDEF1X [1]

1.3 Схема логической модели базы данных (Generate ERD)

Логическую модель базы данных, построенную в результате выполнения лабораторной работы вы можете увидеть на схеме, сгенерированной в Generate ERD (рисунок 2).
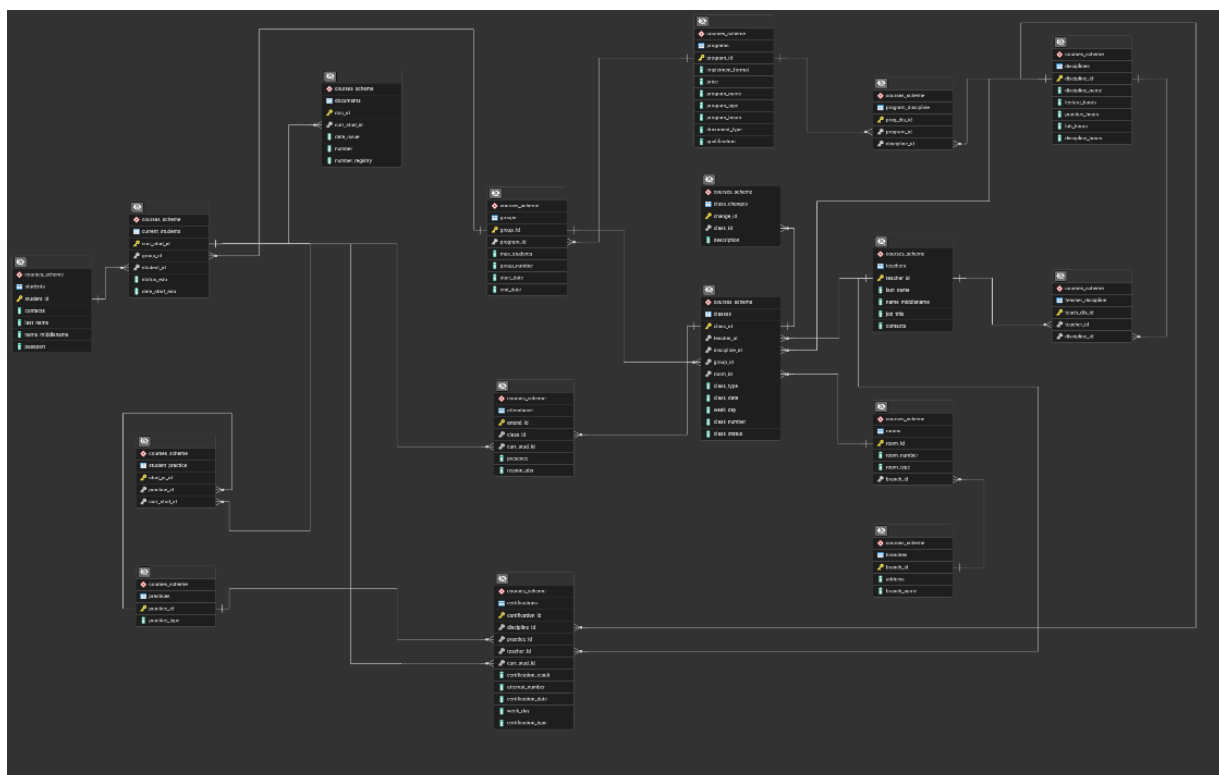
Рисунок 2 – Схема логической модели базы данных, сгенерированной в
Generate ERD [2]

Проанализированы составные ключи сущностей в ИЛМ и были
заменены суррогатными простыми ключами таблиц в реализации БД ещё при
выполнении лабораторной работы 2.

1.4 Создание резервной копии БД.

Были созданы 2 резервные копии БД: с расширением CUSTOM (на
GitHub) и с расширением PLAIN для листинга.
Листинг:
--
-- PostgreSQL database dump
--

-- Dumped from database version 15.12
-- Dumped by pg_dump version 15.12

-- Started on 2025-05-14 04:17:48

```
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 3562 (class 1262 OID 16398)
-- Name: courses_neo; Type: DATABASE; Schema: -; Owner: postgres
--

CREATE DATABASE "courses_neo" WITH TEMPLATE = template0
ENCODING = 'UTF8' LOCALE_PROVIDER = libc LOCALE = 'ru-RU';


ALTER DATABASE "courses_neo" OWNER TO "postgres";

\connect "courses_neo"

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 16399)
-- Name: courses_scheme; Type: SCHEMA; Schema: -; Owner: postgres
--

CREATE SCHEMA "courses_scheme";


ALTER SCHEMA "courses_scheme" OWNER TO "postgres";


--
-- TOC entry 957 (class 1247 OID 16729)
-- Name: attempt_number; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."attempt_number" AS ENUM (
    '1',
    '2',
    '3'
);


ALTER TYPE "courses_scheme"."attempt_number" OWNER TO "postgres";


--
-- TOC entry 3563 (class 0 OID 0)
-- Dependencies: 957
-- Name: TYPE "attempt_number"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--

COMMENT ON TYPE "courses_scheme"."attempt_number" IS 'номер
попытки';



--
-- TOC entry 960 (class 1247 OID 16736)
```

```
--
-- Name: certification_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."certification_type" AS ENUM (
    'экзамен',
    'дифференциальный зачет',
    'зачет'
);


ALTER TYPE "courses_scheme"."certification_type" OWNER TO "postgres";


--
-- TOC entry 3564 (class 0 OID 0)
-- Dependencies: 960
-- Name: TYPE "certification_type"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--

COMMENT ON TYPE "courses_scheme"."certification_type" IS 'тип
аттестации';



--
-- TOC entry 927 (class 1247 OID 16604)
-- Name: class_number; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."class_number" AS ENUM (
    '1',
    '2',
    '3',
    '4',
    '5',
    '6',
```

```
    '7',
    '8',
    '9'
);
```

ALTER TYPE "courses_scheme"."class_number" OWNER TO "postgres";

```
--
-- TOC entry 930 (class 1247 OID 16624)
-- Name: class_status_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--
```

```
CREATE TYPE "courses_scheme"."class_status_type" AS ENUM (
    'Yes',
    'No'
);
```

ALTER TYPE "courses_scheme"."class_status_type" OWNER TO "postgres";

```
--
-- TOC entry 3565 (class 0 OID 0)
-- Dependencies: 930
-- Name: TYPE "class_status_type"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--
```

COMMENT ON TYPE "courses_scheme"."class_status_type" IS 'статус проведения';

```
--
-- TOC entry 921 (class 1247 OID 16581)
-- Name: class_type; Type: TYPE; Schema: courses_scheme; Owner: postgres
--
```

```sql
CREATE TYPE "courses_scheme"."class_type" AS ENUM (
    'лекционное',
    'лабораторное',
    'практическое'
);


ALTER TYPE "courses_scheme"."class_type" OWNER TO "postgres";


--
-- TOC entry 900 (class 1247 OID 16496)
-- Name: document_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."document_type" AS ENUM (
    'сертификат',
    'удостоверение',
    'диплом'
);


ALTER TYPE "courses_scheme"."document_type" OWNER TO "postgres";


--
-- TOC entry 894 (class 1247 OID 16478)
-- Name: implementation_format_type; Type: TYPE; Schema: courses_scheme;
Owner: postgres
--

CREATE TYPE "courses_scheme"."implementation_format_type" AS ENUM (
    'онлайн',
    'оффлайн',
    'смешанный'
);
```

```
ALTER TYPE "courses_scheme"."implementation_format_type" OWNER TO
"postgres";


--
-- TOC entry 3566 (class 0 OID 0)
-- Dependencies: 894
-- Name: TYPE "implementation_format_type"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--

COMMENT ON TYPE "courses_scheme"."implementation_format_type" IS
'формат реализации программы';



--
-- TOC entry 948 (class 1247 OID 16698)
-- Name: practice_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."practice_type" AS ENUM (
    'учебная',
    'производственная'
);


ALTER TYPE "courses_scheme"."practice_type" OWNER TO "postgres";


--
-- TOC entry 942 (class 1247 OID 16676)
-- Name: presence_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."presence_type" AS ENUM (
    'Yes',
```

```
    'No'
);
```

ALTER TYPE "courses_scheme"."presence_type" OWNER TO "postgres";

--
-- TOC entry 897 (class 1247 OID 16486)
-- Name: program_type; Type: TYPE; Schema: courses_scheme; Owner: postgres
--

```
CREATE TYPE "courses_scheme"."program_type" AS ENUM (
    'повышение квалификации',
    'профпереподготовка',
    'для начинающих',
    'интенсив'
);
```

ALTER TYPE "courses_scheme"."program_type" OWNER TO "postgres";

--
-- TOC entry 945 (class 1247 OID 16682)
-- Name: reason_abs_type; Type: TYPE; Schema: courses_scheme; Owner: postgres
--

```
CREATE TYPE "courses_scheme"."reason_abs_type" AS ENUM (
    'уважительная',
    'неуважительная'
);
```

ALTER TYPE "courses_scheme"."reason_abs_type" OWNER TO "postgres";

--

```
-- TOC entry 3567 (class 0 OID 0)
-- Dependencies: 945
-- Name: TYPE "reason_abs_type"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--

COMMENT ON TYPE "courses_scheme"."reason_abs_type" IS 'причина
отсутствия';



--
-- TOC entry 918 (class 1247 OID 16564)
-- Name: room_type; Type: TYPE; Schema: courses_scheme; Owner: postgres
--

CREATE TYPE "courses_scheme"."room_type" AS ENUM (
    'учебная',
    'лекционная'
);



ALTER TYPE "courses_scheme"."room_type" OWNER TO "postgres";


--
-- TOC entry 879 (class 1247 OID 16417)
-- Name: status_type; Type: TYPE; Schema: courses_scheme; Owner: postgres
--

CREATE TYPE "courses_scheme"."status_type" AS ENUM (
    'студент',
    'отчислен',
    'в академическом отпуске',
    'выпускник'
);



ALTER TYPE "courses_scheme"."status_type" OWNER TO "postgres";
```

```
--
-- TOC entry 924 (class 1247 OID 16588)
-- Name: week_day_type; Type: TYPE; Schema: courses_scheme; Owner:
postgres
--

CREATE TYPE "courses_scheme"."week_day_type" AS ENUM (
    'понедельник',
    'вторник',
    'среда',
    'четверг',
    'пятница',
    'суббота',
    'воскресенье'
);


ALTER TYPE "courses_scheme"."week_day_type" OWNER TO "postgres";


--
-- TOC entry 250 (class 1255 OID 16432)
-- Name: check_date_issue_valid(); Type: FUNCTION; Schema:
courses_scheme; Owner: postgres
--

CREATE FUNCTION "courses_scheme"."check_date_issue_valid"()
RETURNS "trigger"
    LANGUAGE "plpgsql"
    SET "search_path" TO 'courses_scheme', 'public'
    AS $$DECLARE
    start_date DATE;
BEGIN
    SELECT date_start_edu INTO start_date
    FROM current_students
    WHERE curr_stud_id = NEW.curr_stud_id;
```

```
    IF NEW.date_issue < start_date THEN
        RAISE EXCEPTION 'Дата выдачи документа не может быть раньше
даты начала обучения!';
    END IF;

    RETURN NEW;
END;
$$;


ALTER FUNCTION "courses_scheme"."check_date_issue_valid"() OWNER
TO "postgres";


--
-- TOC entry 249 (class 1255 OID 16436)
-- Name: check_start_date_valid(); Type: FUNCTION; Schema:
courses_scheme; Owner: postgres
--

CREATE FUNCTION "courses_scheme"."check_start_date_valid"()
RETURNS "trigger"
    LANGUAGE "plpgsql"
    SET "search_path" TO 'courses_scheme', 'public'
    AS $$DECLARE
    doc_exists BOOLEAN;
BEGIN
    SELECT EXISTS (
        SELECT 1
        FROM documents
        WHERE curr_stud_id = NEW.curr_stud_id
        AND date_issue < NEW.date_start_edu
    ) INTO doc_exists;

    IF doc_exists THEN
        RAISE EXCEPTION 'Нельзя установить дату начала обучения позже
уже выданного документа!';
    END IF;
```

```
    RETURN NEW;
END;$$;


ALTER FUNCTION "courses_scheme"."check_start_date_valid"() OWNER
TO "postgres";

SET default_tablespace = '';

SET default_table_access_method = "heap";

--
-- TOC entry 242 (class 1259 OID 16669)
-- Name: attendance; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."attendance" (
    "attend_id" integer NOT NULL,
    "class_id" integer NOT NULL,
    "curr_stud_id" integer NOT NULL,
    "presence" "courses_scheme"."presence_type" NOT NULL,
    "reason_abs" "courses_scheme"."reason_abs_type"
);


ALTER TABLE "courses_scheme"."attendance" OWNER TO "postgres";

--
-- TOC entry 241 (class 1259 OID 16668)
-- Name: attendance_attend_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."attendance_attend_id_seq"
    AS integer
    START WITH 1
```

```
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

ALTER TABLE "courses_scheme"."attendance_attend_id_seq" OWNER TO "postgres";

--
-- TOC entry 3568 (class 0 OID 0)
-- Dependencies: 241
-- Name: attendance_attend_id_seq; Type: SEQUENCE OWNED BY; Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."attendance_attend_id_seq" OWNED BY "courses_scheme"."attendance"."attend_id";

--
-- TOC entry 234 (class 1259 OID 16546)
-- Name: branches; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

```
CREATE TABLE "courses_scheme"."branches" (
    "branch_id" integer NOT NULL,
    "address" character varying(255) NOT NULL,
    "branch_name" character varying(40) NOT NULL,
    CONSTRAINT "check_address_valid" CHECK ((("address")::"text" ~
'^[А-Яа-яЁё0-9\s,.\-]+$'::"text"))
);
```

ALTER TABLE "courses_scheme"."branches" OWNER TO "postgres";

--

CREATE SEQUENCE "courses_scheme"."branches_branch_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."branches_branch_id_seq" OWNER TO
"postgres";

ALTER SEQUENCE "courses_scheme"."branches_branch_id_seq" OWNED
BY "courses_scheme"."branches"."branch_id";

CREATE TABLE "courses_scheme"."certifications" (
    "certification_id" integer NOT NULL,
    "discipline_id" integer,

```
    "practice_id" integer,
    "teacher_id" integer NOT NULL,
    "curr_stud_id" integer NOT NULL,
    "certification_result" character varying(20),
    "attempt_number" "courses_scheme"."attempt_number" NOT NULL,
    "certification_date" "date" NOT NULL,
    "week_day" "courses_scheme"."week_day_type" NOT NULL,
    "certification_type" "courses_scheme"."certification_type" NOT NULL
);


ALTER TABLE "courses_scheme"."certifications" OWNER TO "postgres";


--
-- TOC entry 247 (class 1259 OID 16743)
-- Name: certifications_certification_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."certifications_certification_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE "courses_scheme"."certifications_certification_id_seq"
OWNER TO "postgres";


--
-- TOC entry 3570 (class 0 OID 0)
-- Dependencies: 247
-- Name: certifications_certification_id_seq; Type: SEQUENCE OWNED BY;
Schema: courses_scheme; Owner: postgres
--
```

ALTER SEQUENCE "courses_scheme"."certifications_certification_id_seq"
OWNED BY "courses_scheme"."certifications"."certification_id";

--
-- TOC entry 240 (class 1259 OID 16657)
-- Name: class_changes; Type: TABLE; Schema: courses_scheme; Owner:
postgres
--

CREATE TABLE "courses_scheme"."class_changes" (
    "change_id" integer NOT NULL,
    "class_id" integer NOT NULL,
    "description" character varying(255) NOT NULL
);

ALTER TABLE "courses_scheme"."class_changes" OWNER TO "postgres";

--
-- TOC entry 239 (class 1259 OID 16656)
-- Name: class_changes_change_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."class_changes_change_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."class_changes_change_id_seq" OWNER
TO "postgres";

--
-- TOC entry 3571 (class 0 OID 0)
-- Dependencies: 239
-- Name: class_changes_change_id_seq; Type: SEQUENCE OWNED BY;
Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."class_changes_change_id_seq"
OWNED BY "courses_scheme"."class_changes"."change_id";

--
-- TOC entry 238 (class 1259 OID 16630)
-- Name: classes; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."classes" (
    "class_id" integer NOT NULL,
    "teacher_id" integer NOT NULL,
    "discipline_id" integer NOT NULL,
    "group_id" integer NOT NULL,
    "room_id" integer NOT NULL,
    "class_type" "courses_scheme"."class_type" NOT NULL,
    "class_date" "date" NOT NULL,
    "week_day" "courses_scheme"."week_day_type" NOT NULL,
    "class_number" "courses_scheme"."class_number" NOT NULL,
    "class_status" "courses_scheme"."class_status_type" NOT NULL
);

ALTER TABLE "courses_scheme"."classes" OWNER TO "postgres";

--
-- TOC entry 237 (class 1259 OID 16629)
-- Name: classes_class_id_seq; Type: SEQUENCE; Schema: courses_scheme;
Owner: postgres

--

CREATE SEQUENCE "courses_scheme"."classes_class_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."classes_class_id_seq" OWNER TO
"postgres";

--
-- TOC entry 3572 (class 0 OID 0)
-- Dependencies: 237
-- Name: classes_class_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."classes_class_id_seq" OWNED BY
"courses_scheme"."classes"."class_id";

--
-- TOC entry 220 (class 1259 OID 16426)
-- Name: current_students; Type: TABLE; Schema: courses_scheme; Owner:
postgres
--

CREATE TABLE "courses_scheme"."current_students" (
    "curr_stud_id" integer NOT NULL,
    "group_id" integer NOT NULL,
    "student_id" integer NOT NULL,
    "status_edu" "courses_scheme"."status_type" NOT NULL,
    "date_start_edu" "date" NOT NULL

```
);


ALTER TABLE "courses_scheme"."current_students" OWNER TO "postgres";


--
-- TOC entry 3573 (class 0 OID 0)
-- Dependencies: 220
-- Name: TABLE "current_students"; Type: COMMENT; Schema:
courses_scheme; Owner: postgres
--

COMMENT ON TABLE "courses_scheme"."current_students" IS
'обучающиеся студенты';



--
-- TOC entry 219 (class 1259 OID 16425)
-- Name: current_students_curr_stud_id _seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."current_students_curr_stud_id _seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE "courses_scheme"."current_students_curr_stud_id _seq"
OWNER TO "postgres";


--
-- TOC entry 3574 (class 0 OID 0)
-- Dependencies: 219
```

```
--
-- Name: current_students_curr_stud_id _seq; Type: SEQUENCE OWNED BY;
Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."current_students_curr_stud_id _seq"
OWNED BY "courses_scheme"."current_students"."curr_stud_id";


--
-- TOC entry 224 (class 1259 OID 16454)
-- Name: disciplines; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."disciplines" (
    "discipline_id" integer NOT NULL,
    "discipline_name" character varying(40) NOT NULL,
    "lecture_hours" integer,
    "practice_hours" integer,
    "lab_hours" integer,
    "discipline_hours" integer NOT NULL
);


ALTER TABLE "courses_scheme"."disciplines" OWNER TO "postgres";

--
-- TOC entry 223 (class 1259 OID 16453)
-- Name: disciplines_discipline_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."disciplines_discipline_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
```

```
    CACHE 1;


ALTER TABLE "courses_scheme"."disciplines_discipline_id_seq" OWNER
TO "postgres";


--
-- TOC entry 3575 (class 0 OID 0)
-- Dependencies: 223
-- Name: disciplines_discipline_id_seq; Type: SEQUENCE OWNED BY;
Schema: courses_scheme; Owner: postgres
--


ALTER SEQUENCE "courses_scheme"."disciplines_discipline_id_seq"
OWNED BY "courses_scheme"."disciplines"."discipline_id";



--
-- TOC entry 218 (class 1259 OID 16410)
-- Name: documents; Type: TABLE; Schema: courses_scheme; Owner: postgres
--


CREATE TABLE "courses_scheme"."documents" (
    "doc_id" integer NOT NULL,
    "curr_stud_id" integer NOT NULL,
    "date_issue" "date" NOT NULL,
    "number" character varying(20) NOT NULL,
    "number_registry" character varying(20) NOT NULL
);


ALTER TABLE "courses_scheme"."documents" OWNER TO "postgres";


--
-- TOC entry 217 (class 1259 OID 16409)
-- Name: documents_doc_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
```

```
--

CREATE SEQUENCE "courses_scheme"."documents_doc_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE "courses_scheme"."documents_doc_id_seq" OWNER TO
"postgres";


--
-- TOC entry 3576 (class 0 OID 0)
-- Dependencies: 217
-- Name: documents_doc_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."documents_doc_id_seq" OWNED BY
"courses_scheme"."documents"."doc_id";



--
-- TOC entry 232 (class 1259 OID 16528)
-- Name: groups; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."groups" (
    "group_id" integer NOT NULL,
    "program_id" integer NOT NULL,
    "max_students" integer NOT NULL,
    "group_number" character varying(10) NOT NULL,
    "start_date" "date" NOT NULL,
    "end_date" "date" NOT NULL,
```

```
    CONSTRAINT "check_date_order" CHECK (("start_date" < "end_date"))
);
```

ALTER TABLE "courses_scheme"."groups" OWNER TO "postgres";

--
-- TOC entry 231 (class 1259 OID 16527)
-- Name: groups_group_id_seq; Type: SEQUENCE; Schema: courses_scheme;
Owner: postgres
--

```
CREATE SEQUENCE "courses_scheme"."groups_group_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

ALTER TABLE "courses_scheme"."groups_group_id_seq" OWNER TO
"postgres";

--
-- TOC entry 3577 (class 0 OID 0)
-- Dependencies: 231
-- Name: groups_group_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."groups_group_id_seq" OWNED BY
"courses_scheme"."groups"."group_id";

--
-- TOC entry 244 (class 1259 OID 16704)

-- Name: practices; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."practices" (
    "practice_id" integer NOT NULL,
    "practice_type" "courses_scheme"."practice_type" NOT NULL
);

ALTER TABLE "courses_scheme"."practices" OWNER TO "postgres";

--
-- TOC entry 243 (class 1259 OID 16703)
-- Name: practices_practice_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."practices_practice_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."practices_practice_id_seq" OWNER TO
"postgres";

--
-- TOC entry 3578 (class 0 OID 0)
-- Dependencies: 243
-- Name: practices_practice_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."practices_practice_id_seq" OWNED BY "courses_scheme"."practices"."practice_id";

--
-- TOC entry 230 (class 1259 OID 16511)
-- Name: program_discipline; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

```
CREATE TABLE "courses_scheme"."program_discipline" (
    "prog_dis_id" integer NOT NULL,
    "program_id" integer NOT NULL,
    "discipline_id" integer NOT NULL
);
```

ALTER TABLE "courses_scheme"."program_discipline" OWNER TO "postgres";

--
-- TOC entry 229 (class 1259 OID 16510)
-- Name: program_discipline_prog_dis_id _seq; Type: SEQUENCE; Schema: courses_scheme; Owner: postgres
--

```
CREATE SEQUENCE "courses_scheme"."program_discipline_prog_dis_id _seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

ALTER TABLE "courses_scheme"."program_discipline_prog_dis_id _seq" OWNER TO "postgres";

--
-- TOC entry 3579 (class 0 OID 0)
-- Dependencies: 229
-- Name: program_discipline_prog_dis_id _seq; Type: SEQUENCE OWNED BY; Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."program_discipline_prog_dis_id _seq" OWNED BY "courses_scheme"."program_discipline"."prog_dis_id";

--
-- TOC entry 228 (class 1259 OID 16504)
-- Name: programs; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."programs" (
    "program_id" integer NOT NULL,
    "implement_format" "courses_scheme"."implementation_format_type" NOT NULL,
    "price" integer,
    "program_name" character varying(100) NOT NULL,
    "program_type" "courses_scheme"."program_type" NOT NULL,
    "program_hours" integer NOT NULL,
    "document_type" "courses_scheme"."document_type" NOT NULL,
    "qualification" character varying(40) NOT NULL
);

ALTER TABLE "courses_scheme"."programs" OWNER TO "postgres";

--
-- TOC entry 227 (class 1259 OID 16503)

```
-- Name: programs_program_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."programs_program_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE "courses_scheme"."programs_program_id_seq" OWNER TO
"postgres";


--
-- TOC entry 3580 (class 0 OID 0)
-- Dependencies: 227
-- Name: programs_program_id_seq; Type: SEQUENCE OWNED BY;
Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."programs_program_id_seq" OWNED
BY "courses_scheme"."programs"."program_id";



--
-- TOC entry 236 (class 1259 OID 16557)
-- Name: rooms; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."rooms" (
    "room_id" integer NOT NULL,
    "room_number" character varying(8) NOT NULL,
    "room_type" "courses_scheme"."room_type" NOT NULL,
    "branch_id" integer NOT NULL
```

```sql
);


ALTER TABLE "courses_scheme"."rooms" OWNER TO "postgres";


--
-- TOC entry 235 (class 1259 OID 16556)
-- Name: rooms_room_id_seq; Type: SEQUENCE; Schema: courses_scheme;
Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."rooms_room_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE "courses_scheme"."rooms_room_id_seq" OWNER TO
"postgres";


--
-- TOC entry 3581 (class 0 OID 0)
-- Dependencies: 235
-- Name: rooms_room_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."rooms_room_id_seq" OWNED BY
"courses_scheme"."rooms"."room_id";



--
-- TOC entry 246 (class 1259 OID 16711)
```

-- Name: student_practice; Type: TABLE; Schema: courses_scheme; Owner: postgres

--

CREATE TABLE "courses_scheme"."student_practice" (
    "stud_pr_id" integer NOT NULL,
    "practice_id" integer NOT NULL,
    "curr_stud_id" integer NOT NULL
);

ALTER TABLE "courses_scheme"."student_practice" OWNER TO "postgres";

--
-- TOC entry 245 (class 1259 OID 16710)
-- Name: student_practice_stud_pr_id_seq; Type: SEQUENCE; Schema: courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."student_practice_stud_pr_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."student_practice_stud_pr_id_seq" OWNER TO "postgres";

--
-- TOC entry 3582 (class 0 OID 0)
-- Dependencies: 245
-- Name: student_practice_stud_pr_id_seq; Type: SEQUENCE OWNED BY; Schema: courses_scheme; Owner: postgres
--

```
ALTER SEQUENCE "courses_scheme"."student_practice_stud_pr_id_seq"
OWNED BY "courses_scheme"."student_practice"."stud_pr_id";


--
-- TOC entry 216 (class 1259 OID 16401)
-- Name: students; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."students" (
    "student_id" integer NOT NULL,
    "contacts" character varying(100) NOT NULL,
    "last_name" character varying(30) NOT NULL,
    "name_middlename" character varying(40) NOT NULL,
    "passport" character varying(100) NOT NULL,
    CONSTRAINT "only_cyrillic_last_name" CHECK (((("last_name")::"text" ~
'^[А-Яа-яЁё\s-]+$'::"text")),
    CONSTRAINT "only_cyrillic_name" CHECK
((("name_middlename")::"text" ~ '^[А-Яа-яЁё\s\-]+$'::"text"))
);


ALTER TABLE "courses_scheme"."students" OWNER TO "postgres";


--
-- TOC entry 3583 (class 0 OID 0)
-- Dependencies: 216
-- Name: CONSTRAINT "only_cyrillic_last_name" ON "students"; Type:
COMMENT; Schema: courses_scheme; Owner: postgres
--

COMMENT ON CONSTRAINT "only_cyrillic_last_name" ON
"courses_scheme"."students" IS 'только кириллица';


--
```

-- TOC entry 3584 (class 0 OID 0)
-- Dependencies: 216
-- Name: CONSTRAINT "only_cyrillic_name" ON "students"; Type: COMMENT; Schema: courses_scheme; Owner: postgres
--

COMMENT ON CONSTRAINT "only_cyrillic_name" ON "courses_scheme"."students" IS 'только кириллица';

--
-- TOC entry 215 (class 1259 OID 16400)
-- Name: students_student_id_seq; Type: SEQUENCE; Schema: courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."students_student_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."students_student_id_seq" OWNER TO "postgres";

--
-- TOC entry 3585 (class 0 OID 0)
-- Dependencies: 215
-- Name: students_student_id_seq; Type: SEQUENCE OWNED BY; Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."students_student_id_seq" OWNED BY "courses_scheme"."students"."student_id";

--
-- TOC entry 226 (class 1259 OID 16461)
-- Name: teacher_discipline; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

```
CREATE TABLE "courses_scheme"."teacher_discipline" (
    "teach_dis_id" integer NOT NULL,
    "teacher_id" integer NOT NULL,
    "discipline_id" integer NOT NULL
);
```

```
ALTER TABLE "courses_scheme"."teacher_discipline" OWNER TO
"postgres";
```

--
-- TOC entry 225 (class 1259 OID 16460)
-- Name: teacher_discipline_teach_dis_id_seq; Type: SEQUENCE; Schema: courses_scheme; Owner: postgres
--

```
CREATE SEQUENCE
"courses_scheme"."teacher_discipline_teach_dis_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

```
ALTER TABLE "courses_scheme"."teacher_discipline_teach_dis_id_seq"
OWNER TO "postgres";
```

--
-- TOC entry 3586 (class 0 OID 0)
-- Dependencies: 225
-- Name: teacher_discipline_teach_dis_id_seq; Type: SEQUENCE OWNED
BY; Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."teacher_discipline_teach_dis_id_seq"
OWNED BY "courses_scheme"."teacher_discipline"."teach_dis_id";

--
-- TOC entry 222 (class 1259 OID 16445)
-- Name: teachers; Type: TABLE; Schema: courses_scheme; Owner: postgres
--

CREATE TABLE "courses_scheme"."teachers" (
    "teacher_id" integer NOT NULL,
    "last_name" character varying(30) NOT NULL,
    "name_middlename" character varying(40) NOT NULL,
    "job_title" character varying(80) NOT NULL,
    "contacts" character varying(100) NOT NULL,
    CONSTRAINT "only_cyrillic_last_name" CHECK (((("last_name")::"text" ~
'^[А-Яа-яЁё\s-]+$'::"text")),
    CONSTRAINT "only_cyrillic_name" CHECK
((("name_middlename")::"text" ~ '^[А-Яа-яЁё\s\-]+$'::"text"))
);

ALTER TABLE "courses_scheme"."teachers" OWNER TO "postgres";

--
-- TOC entry 3587 (class 0 OID 0)
-- Dependencies: 222
-- Name: CONSTRAINT "only_cyrillic_last_name" ON "teachers"; Type:
COMMENT; Schema: courses_scheme; Owner: postgres
--

COMMENT ON CONSTRAINT "only_cyrillic_last_name" ON "courses_scheme"."teachers" IS 'только кириллица';

--
-- TOC entry 3588 (class 0 OID 0)
-- Dependencies: 222
-- Name: CONSTRAINT "only_cyrillic_name" ON "teachers"; Type: COMMENT; Schema: courses_scheme; Owner: postgres
--

COMMENT ON CONSTRAINT "only_cyrillic_name" ON "courses_scheme"."teachers" IS 'только кириллица';

--
-- TOC entry 221 (class 1259 OID 16444)
-- Name: teachers_teacher_id_seq; Type: SEQUENCE; Schema: courses_scheme; Owner: postgres
--

CREATE SEQUENCE "courses_scheme"."teachers_teacher_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE "courses_scheme"."teachers_teacher_id_seq" OWNER TO "postgres";

--
-- TOC entry 3589 (class 0 OID 0)
-- Dependencies: 221

-- Name: teachers_teacher_id_seq; Type: SEQUENCE OWNED BY; Schema: courses_scheme; Owner: postgres
--

ALTER SEQUENCE "courses_scheme"."teachers_teacher_id_seq" OWNED BY "courses_scheme"."teachers"."teacher_id";

--
-- TOC entry 3311 (class 2604 OID 16672)
-- Name: attendance attend_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."attendance" ALTER COLUMN "attend_id" SET DEFAULT "nextval"('"courses_scheme"."attendance_attend_id_seq"'::"regclass");

--
-- TOC entry 3307 (class 2604 OID 16549)
-- Name: branches branch_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."branches" ALTER COLUMN "branch_id" SET DEFAULT "nextval"('"courses_scheme"."branches_branch_id_seq"'::"regclass");

--
-- TOC entry 3314 (class 2604 OID 16747)
-- Name: certifications certification_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

```
ALTER TABLE ONLY "courses_scheme"."certifications" ALTER COLUMN
"certification_id" SET DEFAULT
"nextval"('"courses_scheme"."certifications_certification_id_seq"'::"regclass");


--
-- TOC entry 3310 (class 2604 OID 16660)
-- Name: class_changes change_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."class_changes" ALTER COLUMN
"change_id" SET DEFAULT
"nextval"('"courses_scheme"."class_changes_change_id_seq"'::"regclass");


--
-- TOC entry 3309 (class 2604 OID 16633)
-- Name: classes class_id; Type: DEFAULT; Schema: courses_scheme; Owner:
postgres
--

ALTER TABLE ONLY "courses_scheme"."classes" ALTER COLUMN
"class_id" SET DEFAULT
"nextval"('"courses_scheme"."classes_class_id_seq"'::"regclass");


--
-- TOC entry 3300 (class 2604 OID 16429)
-- Name: current_students curr_stud_id; Type: DEFAULT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."current_students" ALTER
COLUMN "curr_stud_id" SET DEFAULT
"nextval"('"courses_scheme"."current_students_curr_stud_id
_seq"'::"regclass");
```

--
-- TOC entry 3302 (class 2604 OID 16457)
-- Name: disciplines discipline_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."disciplines" ALTER COLUMN
"discipline_id" SET DEFAULT
"nextval"('"courses_scheme"."disciplines_discipline_id_seq"'::"regclass");

--
-- TOC entry 3299 (class 2604 OID 16413)
-- Name: documents doc_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."documents" ALTER COLUMN
"doc_id" SET DEFAULT
"nextval"('"courses_scheme"."documents_doc_id_seq"'::"regclass");

--
-- TOC entry 3306 (class 2604 OID 16531)
-- Name: groups group_id; Type: DEFAULT; Schema: courses_scheme; Owner:
postgres
--

ALTER TABLE ONLY "courses_scheme"."groups" ALTER COLUMN
"group_id" SET DEFAULT
"nextval"('"courses_scheme"."groups_group_id_seq"'::"regclass");

--
-- TOC entry 3312 (class 2604 OID 16707)

-- Name: practices practice_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."practices" ALTER COLUMN
"practice_id" SET DEFAULT
"nextval"('"courses_scheme"."practices_practice_id_seq"'::"regclass");

--
-- TOC entry 3305 (class 2604 OID 16514)
-- Name: program_discipline prog_dis_id; Type: DEFAULT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."program_discipline" ALTER
COLUMN "prog_dis_id" SET DEFAULT
"nextval"('"courses_scheme"."program_discipline_prog_dis_id
_seq"'::"regclass");

--
-- TOC entry 3304 (class 2604 OID 16507)
-- Name: programs program_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."programs" ALTER COLUMN
"program_id" SET DEFAULT
"nextval"('"courses_scheme"."programs_program_id_seq"'::"regclass");

--
-- TOC entry 3308 (class 2604 OID 16560)
-- Name: rooms room_id; Type: DEFAULT; Schema: courses_scheme; Owner:
postgres
--

ALTER TABLE ONLY "courses_scheme"."rooms" ALTER COLUMN "room_id" SET DEFAULT "nextval"('"courses_scheme"."rooms_room_id_seq"'::"regclass");

--
-- TOC entry 3313 (class 2604 OID 16714)
-- Name: student_practice stud_pr_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."student_practice" ALTER COLUMN "stud_pr_id" SET DEFAULT "nextval"('"courses_scheme"."student_practice_stud_pr_id_seq"'::"regclass");

--
-- TOC entry 3298 (class 2604 OID 16404)
-- Name: students student_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."students" ALTER COLUMN "student_id" SET DEFAULT "nextval"('"courses_scheme"."students_student_id_seq"'::"regclass");

--
-- TOC entry 3303 (class 2604 OID 16464)
-- Name: teacher_discipline teach_dis_id; Type: DEFAULT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teacher_discipline" ALTER COLUMN "teach_dis_id" SET DEFAULT

"nextval"("'courses_scheme"."teacher_discipline_teach_dis_id_seq"'::"regclass"
);

--
-- TOC entry 3301 (class 2604 OID 16448)
-- Name: teachers teacher_id; Type: DEFAULT; Schema: courses_scheme;
Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teachers" ALTER COLUMN
"teacher_id" SET DEFAULT
"nextval"("'courses_scheme"."teachers_teacher_id_seq"'::"regclass");

--
-- TOC entry 3550 (class 0 OID 16669)
-- Dependencies: 242
-- Data for Name: attendance; Type: TABLE DATA; Schema: courses_scheme;
Owner: postgres
--

INSERT INTO "courses_scheme"."attendance" VALUES (1, 1, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (2, 2, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (3, 3, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (4, 4, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (5, 5, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (6, 6, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (7, 7, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (8, 8, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (9, 9, 2, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (10, 10, 2, 'Yes',
NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (11, 11, 2, 'Yes',
NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (12, 12, 2, 'Yes',
NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (13, 1, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (14, 2, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (15, 3, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (16, 4, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (17, 5, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (18, 6, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (19, 7, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (20, 8, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (21, 9, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (22, 10, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (23, 11, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (24, 12, 13, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (25, 1, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (26, 2, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (27, 3, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (28, 4, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (29, 5, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (30, 6, 24, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (31, 7, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (32, 8, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (33, 9, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (34, 10, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (35, 11, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (36, 12, 24, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (37, 1, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (38, 2, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (39, 3, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (40, 4, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (41, 5, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (42, 6, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (43, 7, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (44, 8, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (45, 9, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (46, 10, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (47, 11, 35, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (48, 12, 35, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (49, 1, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (50, 2, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (51, 3, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (52, 4, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (53, 5, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (54, 6, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (55, 7, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (56, 8, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (57, 9, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (58, 10, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (59, 11, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (60, 12, 46, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (61, 1, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (62, 2, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (63, 3, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (64, 4, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (65, 5, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (66, 6, 57, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (67, 7, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (68, 8, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (69, 9, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (70, 10, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (71, 11, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (72, 12, 57, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (73, 1, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (74, 2, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (75, 3, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (76, 4, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (77, 5, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (78, 6, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (79, 7, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (80, 8, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (81, 9, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (82, 10, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (83, 11, 68, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (84, 12, 68, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (85, 1, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (86, 2, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (87, 3, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (88, 4, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (89, 5, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (90, 6, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (91, 7, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (92, 8, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (93, 9, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (94, 10, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (95, 11, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (96, 12, 79, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (97, 1, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (98, 2, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (99, 3, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (100, 4, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (101, 5, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (102, 6, 90, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (103, 7, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (104, 8, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (106, 10, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (107, 11, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (108, 12, 90, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (109, 1, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (110, 2, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (111, 3, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (112, 4, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (113, 5, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (114, 6, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (115, 7, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (116, 8, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (117, 9, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (118, 10, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (119, 11, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (120, 12, 101, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (121, 1, 112, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (122, 2, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (123, 3, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (124, 4, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (125, 5, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (126, 6, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (127, 7, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (128, 8, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (129, 9, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (130, 10, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (131, 11, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (132, 12, 112, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (133, 1, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (134, 2, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (135, 3, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (136, 4, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (137, 5, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (138, 6, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (139, 7, 123, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (140, 8, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (141, 9, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (142, 10, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (143, 11, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (144, 12, 123, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (145, 1, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (146, 2, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (147, 3, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (148, 4, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (149, 5, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (150, 6, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (151, 7, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (152, 8, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (153, 9, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (154, 10, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (155, 11, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (156, 12, 134, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (157, 1, 145, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (159, 3, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (160, 4, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (161, 5, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (162, 6, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (163, 7, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (164, 8, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (165, 9, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (166, 10, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (167, 11, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (168, 12, 145, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (169, 1, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (170, 2, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (171, 3, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (172, 4, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (173, 5, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (174, 6, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (175, 7, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (176, 8, 156, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (177, 9, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (178, 10, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (179, 11, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (180, 12, 156, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (182, 2, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (183, 3, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (184, 4, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (185, 5, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (186, 6, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (187, 7, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (188, 8, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (189, 9, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (190, 10, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (191, 11, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (192, 12, 167, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (105, 9, 90, 'No', 'неуважительная');
INSERT INTO "courses_scheme"."attendance" VALUES (158, 2, 145, 'No', 'уважительная');
INSERT INTO "courses_scheme"."attendance" VALUES (181, 1, 167, 'No', 'уважительная');

INSERT INTO "courses_scheme"."attendance" VALUES (193, 13, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (194, 14, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (195, 15, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (196, 16, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (197, 17, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (198, 18, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (199, 19, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (200, 20, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (201, 21, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (202, 22, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (203, 23, 18, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (204, 13, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (205, 14, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (206, 15, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (207, 16, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (208, 17, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (209, 18, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (210, 19, 29, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (211, 20, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (212, 21, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (213, 22, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (214, 23, 29, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (215, 13, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (216, 14, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (217, 15, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (218, 16, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (219, 17, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (220, 18, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (221, 19, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (222, 20, 40, 'Yes', NULL);
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INSERT INTO "courses_scheme"."attendance" VALUES (225, 23, 40, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (226, 13, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (227, 14, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (228, 15, 62, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (229, 16, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (230, 17, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (231, 18, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (232, 19, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (233, 20, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (234, 21, 62, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (235, 22, 62, 'Yes', NULL);
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INSERT INTO "courses_scheme"."attendance" VALUES (238, 14, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (239, 15, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (240, 16, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (241, 17, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (242, 18, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (243, 19, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (244, 20, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (245, 21, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (246, 22, 73, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (247, 23, 73, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (248, 13, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (249, 14, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (250, 15, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (251, 16, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (252, 17, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (253, 18, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (254, 19, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (255, 20, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (256, 21, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (257, 22, 84, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (258, 23, 84, 'Yes', NULL);
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INSERT INTO "courses_scheme"."attendance" VALUES (260, 14, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (261, 15, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (262, 16, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (263, 17, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (264, 18, 95, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (265, 19, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (266, 20, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (267, 21, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (268, 22, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (269, 23, 95, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (270, 13, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (271, 14, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (272, 15, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (273, 16, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (274, 17, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (275, 18, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (276, 19, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (277, 20, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (278, 21, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (279, 22, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (280, 23, 106, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (281, 13, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (282, 14, 117, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (283, 15, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (284, 16, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (285, 17, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (286, 18, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (287, 19, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (288, 20, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (289, 21, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (290, 22, 117, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (292, 13, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (293, 14, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (294, 15, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (295, 16, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (296, 17, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (297, 18, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (298, 19, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (299, 20, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (300, 21, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (301, 22, 128, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (302, 23, 128, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (303, 13, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (304, 14, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (305, 15, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (306, 16, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (307, 17, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (308, 18, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (309, 19, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (310, 20, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (311, 21, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (312, 22, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (313, 23, 139, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (314, 13, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (315, 14, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (316, 15, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (317, 16, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (318, 17, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (319, 18, 150, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (320, 19, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (321, 20, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (322, 21, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (323, 22, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (324, 23, 150, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (325, 13, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (326, 14, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (327, 15, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (328, 16, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (329, 17, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (330, 18, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (331, 19, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (332, 20, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (333, 21, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (334, 22, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (335, 23, 161, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (337, 14, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (338, 15, 172, 'Yes', NULL);

INSERT INTO "courses_scheme"."attendance" VALUES (339, 16, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (340, 17, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (342, 19, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (343, 20, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (344, 21, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (345, 22, 172, 'Yes', NULL);
INSERT INTO "courses_scheme"."attendance" VALUES (291, 23, 117, 'No', 'уважительная');
INSERT INTO "courses_scheme"."attendance" VALUES (336, 13, 172, 'No', 'неуважительная');
INSERT INTO "courses_scheme"."attendance" VALUES (341, 18, 172, 'No', 'неуважительная');
INSERT INTO "courses_scheme"."attendance" VALUES (346, 23, 172, 'No', 'уважительная');

--
-- TOC entry 3542 (class 0 OID 16546)
-- Dependencies: 234
-- Data for Name: branches; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."branches" VALUES (1, 'ул. Приморская, дом 5', 'Филиал 1');
INSERT INTO "courses_scheme"."branches" VALUES (2, 'ул. Приморская, дом 7', 'Филиал 2');

--
-- TOC entry 3556 (class 0 OID 16744)

```sql
INSERT INTO "courses_scheme"."certifications" VALUES (226, NULL, 1, 12, 3, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (228, NULL, 1, 12, 14, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (229, NULL, 1, 12, 22, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (230, NULL, 1, 12, 25, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (232, NULL, 1, 12, 44, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (233, NULL, 1, 12, 47, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (234, NULL, 1, 12, 55, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (235, NULL, 1, 12, 58, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (236, NULL, 1, 12, 66, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (237, NULL, 1, 12, 69, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (238, NULL, 1, 12, 77, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (239, NULL, 1, 12, 80, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (240, NULL, 1, 12, 88, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (241, NULL, 1, 12, 91, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (242, NULL, 1, 12, 99, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (243, NULL, 1, 12, 102, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
```

INSERT INTO "courses_scheme"."certifications" VALUES (244, NULL, 1, 12, 110, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (245, NULL, 1, 12, 113, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (246, NULL, 1, 12, 121, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (247, NULL, 1, 12, 124, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (248, NULL, 1, 12, 132, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (250, NULL, 1, 12, 143, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (251, NULL, 1, 12, 146, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (252, NULL, 1, 12, 154, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (253, NULL, 1, 12, 157, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (254, NULL, 1, 12, 165, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (255, NULL, 1, 12, 168, 'зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (258, 37, NULL, 22, 32, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (259, 37, NULL, 22, 43, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (261, 37, NULL, 22, 65, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (262, 37, NULL, 22, 76, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (263, 37, NULL, 22, 87, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (264, 37, NULL, 22, 98, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (266, 37, NULL, 22, 120, '4', '1', '2025-04-07', 'понедельник', 'экзамен');

INSERT INTO "courses_scheme"."certifications" VALUES (268, 37, NULL, 22, 142, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (271, 37, NULL, 22, 175, '4', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (227, NULL, 1, 12, 11, 'не зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (231, NULL, 1, 12, 33, 'не зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (249, NULL, 1, 12, 135, 'не зачтено', '1', '2025-05-03', 'вторник', 'зачет');
INSERT INTO "courses_scheme"."certifications" VALUES (256, 37, NULL, 22, 10, '5', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (257, 37, NULL, 22, 21, '5', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (260, 37, NULL, 22, 54, '5', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (265, 37, NULL, 22, 109, '5', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (267, 37, NULL, 22, 131, '3', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (269, 37, NULL, 22, 153, '3', '1', '2025-04-07', 'понедельник', 'экзамен');
INSERT INTO "courses_scheme"."certifications" VALUES (270, 37, NULL, 22, 164, '5', '1', '2025-04-07', 'понедельник', 'экзамен');

--
-- TOC entry 3548 (class 0 OID 16657)
-- Dependencies: 240
-- Data for Name: class_changes; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."class_changes" VALUES (1, 11, 'Болезнь преподавателя');
INSERT INTO "courses_scheme"."class_changes" VALUES (2, 15, 'Отмена занятия');

--
-- TOC entry 3546 (class 0 OID 16630)
-- Dependencies: 238
-- Data for Name: classes; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."classes" VALUES (1, 3, 6, 2, 1, 'лекционное', '2025-02-03', 'понедельник', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (2, 5, 9, 2, 2, 'практическое', '2025-02-03', 'понедельник', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (3, 9, 18, 2, 3, 'практическое', '2025-02-03', 'понедельник', '3', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (4, 12, 24, 2, 1, 'лекционное', '2025-02-04', 'вторник', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (5, 19, 34, 2, 2, 'лабораторное', '2025-02-04', 'вторник', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (6, 22, 37, 2, 3, 'лекционное', '2025-02-04', 'вторник', '3', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (7, 5, 9, 2, 1, 'лекционное', '2025-02-05', 'среда', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (8, 3, 6, 2, 2, 'практическое', '2025-02-05', 'среда', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (9, 9, 18, 2, 1, 'лекционное', '2025-02-06', 'четверг', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (10, 9, 18, 2, 1, 'практическое', '2025-02-06', 'четверг', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (11, 19, 34, 2, 3, 'лекционное', '2025-02-06', 'четверг', '3', 'No');
INSERT INTO "courses_scheme"."classes" VALUES (12, 22, 37, 2, 2, 'практическое', '2025-02-07', 'пятница', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (13, 8, 15, 7, 22, 'лекционное', '2025-02-03', 'понедельник', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (14, 29, 44, 7, 21, 'практическое', '2025-02-03', 'понедельник', '2', 'Yes');

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INSERT INTO "courses_scheme"."classes" VALUES (15, 2, 4, 7, 22,
'лекционное', '2025-02-03', 'понедельник', '3', 'No');
INSERT INTO "courses_scheme"."classes" VALUES (16, 7, 13, 7, 22,
'лекционное', '2025-02-04', 'вторник', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (17, 10, 20, 7, 23,
'лабораторное', '2025-02-04', 'вторник', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (18, 18, 33, 7, 22,
'лекционное', '2025-02-05', 'среда', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (19, 27, 42, 7, 21,
'практическое', '2025-02-05', 'среда', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (20, 24, 39, 7, 22,
'лекционное', '2025-02-06', 'четверг', '1', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (21, 8, 15, 7, 21,
'практическое', '2025-02-06', 'четверг', '2', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (22, 29, 44, 7, 23,
'практическое', '2025-02-06', 'четверг', '3', 'Yes');
INSERT INTO "courses_scheme"."classes" VALUES (23, 2, 4, 7, 21,
'практическое', '2025-02-07', 'пятница', '1', 'Yes');


--
-- TOC entry 3528 (class 0 OID 16426)
-- Dependencies: 220
-- Data for Name: current_students; Type: TABLE DATA; Schema:
courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."current_students" VALUES (2, 2, 157,
'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (3, 3, 158,
'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (4, 4, 159,
'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (5, 5, 160,
'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (6, 6, 161,
'студент', '2025-04-01');
```

INSERT INTO "courses_scheme"."current_students" VALUES (8, 8, 163, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (9, 9, 164, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (10, 10, 165, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (11, 11, 166, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (12, 1, 167, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (13, 2, 168, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (14, 3, 169, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (15, 4, 170, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (16, 5, 171, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (17, 6, 172, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (18, 7, 173, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (19, 8, 174, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (20, 9, 175, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (21, 10, 176, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (22, 11, 177, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (23, 1, 178, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (24, 2, 179, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (25, 3, 180, 'студент', '2025-02-01');

INSERT INTO "courses_scheme"."current_students" VALUES (26, 4, 181, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (27, 5, 182, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (28, 6, 183, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (29, 7, 184, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (30, 8, 185, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (31, 9, 186, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (32, 10, 187, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (33, 11, 188, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (34, 1, 189, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (35, 2, 190, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (37, 4, 192, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (38, 5, 193, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (39, 6, 194, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (40, 7, 195, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (41, 8, 196, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (42, 9, 197, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (43, 10, 198, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (44, 11, 199, 'студент', '2025-03-01');

INSERT INTO "courses_scheme"."current_students" VALUES (45, 1, 200, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (46, 2, 201, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (47, 3, 202, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (48, 4, 203, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (49, 5, 204, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (50, 6, 205, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (52, 8, 207, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (53, 9, 208, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (54, 10, 209, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (55, 11, 210, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (57, 2, 212, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (58, 3, 213, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (59, 4, 214, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (60, 5, 215, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (61, 6, 216, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (62, 7, 217, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (63, 8, 218, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (64, 9, 219, 'студент', '2025-04-01');

INSERT INTO "courses_scheme"."current_students" VALUES (65, 10, 220, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (66, 11, 221, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (67, 1, 222, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (68, 2, 223, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (69, 3, 224, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (70, 4, 225, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (71, 5, 226, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (72, 6, 227, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (73, 7, 228, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (74, 8, 229, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (75, 9, 230, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (76, 10, 231, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (77, 11, 232, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (78, 1, 233, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (79, 2, 234, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (80, 3, 235, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (81, 4, 236, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (82, 5, 237, 'студент', '2025-04-01');

INSERT INTO "courses_scheme"."current_students" VALUES (83, 6, 238, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (84, 7, 239, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (85, 8, 240, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (86, 9, 241, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (87, 10, 242, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (88, 11, 243, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (89, 1, 244, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (90, 2, 245, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (91, 3, 246, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (92, 4, 247, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (93, 5, 248, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (94, 6, 249, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (95, 7, 250, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (96, 8, 251, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (97, 9, 252, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (98, 10, 253, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (99, 11, 254, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (100, 1, 255, 'студент', '2024-12-01');

INSERT INTO "courses_scheme"."current_students" VALUES (101, 2, 256, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (102, 3, 257, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (103, 4, 258, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (104, 5, 259, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (105, 6, 260, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (106, 7, 261, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (107, 8, 262, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (108, 9, 263, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (109, 10, 264, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (110, 11, 265, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (111, 1, 266, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (112, 2, 267, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (113, 3, 268, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (114, 4, 269, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (115, 5, 270, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (116, 6, 271, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (117, 7, 272, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (118, 8, 273, 'студент', '2025-04-01');

INSERT INTO "courses_scheme"."current_students" VALUES (119, 9, 274, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (120, 10, 275, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (121, 11, 276, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (122, 1, 277, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (123, 2, 278, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (124, 3, 279, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (125, 4, 280, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (126, 5, 281, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (127, 6, 282, 'студent', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (128, 7, 283, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (129, 8, 284, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (130, 9, 285, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (131, 10, 286, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (132, 11, 287, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (133, 1, 288, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (134, 2, 289, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (135, 3, 290, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (136, 4, 291, 'студент', '2025-04-01');

INSERT INTO "courses_scheme"."current_students" VALUES (137, 5, 292, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (138, 6, 293, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (139, 7, 294, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (140, 8, 295, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (141, 9, 296, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (142, 10, 297, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (143, 11, 298, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (144, 1, 299, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (145, 2, 300, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (146, 3, 301, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (147, 4, 302, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (148, 5, 303, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (149, 6, 304, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (150, 7, 305, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (151, 8, 306, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (152, 9, 307, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (153, 10, 308, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (154, 11, 309, 'студент', '2025-03-01');

INSERT INTO "courses_scheme"."current_students" VALUES (155, 1, 310, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (156, 2, 311, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (157, 3, 312, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (158, 4, 313, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (159, 5, 314, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (160, 6, 315, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (161, 7, 316, 'студент', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (162, 8, 317, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (163, 9, 318, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (164, 10, 319, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (165, 11, 320, 'студент', '2025-03-01');
INSERT INTO "courses_scheme"."current_students" VALUES (166, 1, 321, 'студент', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (167, 2, 322, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (168, 3, 323, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (169, 4, 324, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (170, 5, 325, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (171, 6, 326, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (172, 7, 327, 'студент', '2025-01-01');

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INSERT INTO "courses_scheme"."current_students" VALUES (173, 8, 328, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (174, 9, 329, 'студент', '2025-04-01');
INSERT INTO "courses_scheme"."current_students" VALUES (175, 10, 330, 'студент', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (36, 3, 191, 'в академическом отпуске', '2025-02-01');
INSERT INTO "courses_scheme"."current_students" VALUES (51, 7, 206, 'в академическом отпуске', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (56, 1, 211, 'в академическом отпуске', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (1, 1, 156, 'отчислен', '2024-12-01');
INSERT INTO "courses_scheme"."current_students" VALUES (7, 7, 162, 'отчислен', '2025-01-01');
INSERT INTO "courses_scheme"."current_students" VALUES (182, 12, 151, 'выпускник', '2024-07-01');
INSERT INTO "courses_scheme"."current_students" VALUES (183, 12, 152, 'выпускник', '2024-07-01');
INSERT INTO "courses_scheme"."current_students" VALUES (184, 12, 153, 'выпускник', '2024-07-01');
INSERT INTO "courses_scheme"."current_students" VALUES (185, 12, 154, 'выпускник', '2024-07-01');
INSERT INTO "courses_scheme"."current_students" VALUES (186, 12, 155, 'выпускник', '2024-07-01');


--
-- TOC entry 3532 (class 0 OID 16454)
-- Dependencies: 224
-- Data for Name: disciplines; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."disciplines" VALUES (1, 'Основы программирования', 40, 30, 20, 90);
```

INSERT INTO "courses_scheme"."disciplines" VALUES (2, 'Управление проектами', 30, 20, 10, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (3, 'Базы данных', 25, 15, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (4, 'Анализ данных', 20, 20, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (5, 'Маркетинг в цифровую эпоху', 15, 25, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (6, 'Веб-разработка', 35, 15, 10, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (7, 'Кибербезопасность', 20, 20, 15, 55);
INSERT INTO "courses_scheme"."disciplines" VALUES (8, 'Лидерство и менеджмент', 25, 25, 10, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (9, 'UX/UI-дизайн', 20, 30, 10, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (10, 'Машинное обучение', 30, 20, 20, 70);
INSERT INTO "courses_scheme"."disciplines" VALUES (11, 'Стратегический менеджмент', 20, 20, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (12, 'DevOps-практики', 15, 25, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (13, 'Аналитика бизнес-процессов', 20, 20, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (14, 'Контроль качества ПО', 15, 20, 15, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (15, 'Бюджетирование и финансы', 25, 20, 15, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (16, 'Компьютерные сети', 30, 20, 15, 65);
INSERT INTO "courses_scheme"."disciplines" VALUES (17, 'Облачные вычисления', 25, 20, 15, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (18, 'Мобильная разработка', 30, 20, 10, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (19, 'Глубокое обучение', 20, 20, 20, 60);

INSERT INTO "courses_scheme"."disciplines" VALUES (20, 'Обработка естественного языка', 25, 15, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (21, 'Компьютерное зрение', 20, 20, 15, 55);
INSERT INTO "courses_scheme"."disciplines" VALUES (22, 'Большие данные', 30, 25, 15, 70);
INSERT INTO "courses_scheme"."disciplines" VALUES (23, 'Data Engineering', 20, 25, 15, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (24, 'Визуализация данных', 15, 20, 15, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (25, 'Автоматизация тестирования', 20, 25, 20, 65);
INSERT INTO "courses_scheme"."disciplines" VALUES (26, 'Тестирование ПО', 15, 20, 15, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (27, 'Agile Scrum', 20, 15, 10, 45);
INSERT INTO "courses_scheme"."disciplines" VALUES (28, 'Канбан', 15, 15, 10, 40);
INSERT INTO "courses_scheme"."disciplines" VALUES (29, 'Управление рисками', 20, 20, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (30, 'HR-менеджмент', 25, 15, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (31, 'Управление цепочками поставок', 20, 20, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (32, 'Кризисный менеджмент', 15, 20, 15, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (33, 'Маркетинговая аналитика', 20, 25, 15, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (34, 'Контент-маркетинг', 15, 20, 10, 45);
INSERT INTO "courses_scheme"."disciplines" VALUES (35, 'SMM и социальные сети', 10, 20, 10, 40);
INSERT INTO "courses_scheme"."disciplines" VALUES (36, 'Брендинг', 15, 15, 10, 40);
INSERT INTO "courses_scheme"."disciplines" VALUES (37, 'Графический дизайн', 20, 20, 10, 50);

INSERT INTO "courses_scheme"."disciplines" VALUES (38, 'Моушн-дизайн', 15, 20, 10, 45);
INSERT INTO "courses_scheme"."disciplines" VALUES (39, 'Тайм-менеджмент', 10, 15, 5, 30);
INSERT INTO "courses_scheme"."disciplines" VALUES (40, 'Командная работа', 10, 15, 5, 30);
INSERT INTO "courses_scheme"."disciplines" VALUES (41, 'Публичные выступления', 15, 10, 5, 30);
INSERT INTO "courses_scheme"."disciplines" VALUES (42, 'Навыки презентации', 10, 15, 5, 30);
INSERT INTO "courses_scheme"."disciplines" VALUES (43, 'Предпринимательство', 20, 20, 10, 50);
INSERT INTO "courses_scheme"."disciplines" VALUES (44, 'Юридические основы бизнеса', 15, 15, 10, 40);
INSERT INTO "courses_scheme"."disciplines" VALUES (45, 'Этика бизнеса', 15, 15, 10, 40);
INSERT INTO "courses_scheme"."disciplines" VALUES (46, 'Lean Six Sigma', 20, 20, 20, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (47, 'ISO 9001', 10, 15, 10, 35);
INSERT INTO "courses_scheme"."disciplines" VALUES (48, 'Управление изменениями', 20, 15, 10, 45);
INSERT INTO "courses_scheme"."disciplines" VALUES (49, 'Финансовый контроль и аудит', 25, 20, 15, 60);
INSERT INTO "courses_scheme"."disciplines" VALUES (50, 'Нормализация баз данных', 20, 20, 10, 50);

--
-- TOC entry 3526 (class 0 OID 16410)
-- Dependencies: 218
-- Data for Name: documents; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."documents" VALUES (6, 176, '2025-01-15', 'N01', 'R01');

INSERT INTO "courses_scheme"."documents" VALUES (7, 177, '2025-01-15', 'N02', 'R02');
INSERT INTO "courses_scheme"."documents" VALUES (8, 178, '2025-01-15', 'N03', 'R03');
INSERT INTO "courses_scheme"."documents" VALUES (9, 179, '2025-01-15', 'N04', 'R04');
INSERT INTO "courses_scheme"."documents" VALUES (10, 180, '2025-01-15', 'N05', 'R05');

--
-- TOC entry 3540 (class 0 OID 16528)
-- Dependencies: 232
-- Data for Name: groups; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."groups" VALUES (1, 1, 25, 'ITS_1', '2024-12-01', '2025-05-31');
INSERT INTO "courses_scheme"."groups" VALUES (2, 2, 30, 'WD_1', '2025-02-01', '2025-07-31');
INSERT INTO "courses_scheme"."groups" VALUES (3, 3, 20, 'DA_1', '2025-02-01', '2025-09-30');
INSERT INTO "courses_scheme"."groups" VALUES (4, 4, 25, 'CS_1', '2025-04-01', '2025-09-30');
INSERT INTO "courses_scheme"."groups" VALUES (5, 5, 30, 'MGS_1', '2025-04-01', '2025-09-30');
INSERT INTO "courses_scheme"."groups" VALUES (6, 6, 20, 'SM_1', '2025-04-01', '2025-12-31');
INSERT INTO "courses_scheme"."groups" VALUES (7, 7, 25, 'BA_1', '2025-01-01', '2025-06-30');
INSERT INTO "courses_scheme"."groups" VALUES (8, 7, 20, 'BA_2', '2025-04-01', '2025-09-30');
INSERT INTO "courses_scheme"."groups" VALUES (9, 8, 30, 'DEV_1', '2025-04-01', '2025-11-30');
INSERT INTO "courses_scheme"."groups" VALUES (10, 9, 25, 'UX_1', '2025-02-01', '2025-07-31');

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INSERT INTO "courses_scheme"."groups" VALUES (11, 10, 20, 'ML_1',
'2025-03-01', '2025-09-30');
INSERT INTO "courses_scheme"."groups" VALUES (12, 2, 30, 'WD_1_24',
'2024-07-01', '2024-12-31');


--
-- TOC entry 3552 (class 0 OID 16704)
-- Dependencies: 244
-- Data for Name: practices; Type: TABLE DATA; Schema: courses_scheme;
Owner: postgres
--

INSERT INTO "courses_scheme"."practices" VALUES (1, 'учебная');
INSERT INTO "courses_scheme"."practices" VALUES (2,
'производственная');


--
-- TOC entry 3538 (class 0 OID 16511)
-- Dependencies: 230
-- Data for Name: program_discipline; Type: TABLE DATA; Schema:
courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."program_discipline" VALUES (1, 1, 1);
INSERT INTO "courses_scheme"."program_discipline" VALUES (2, 1, 6);
INSERT INTO "courses_scheme"."program_discipline" VALUES (3, 1, 16);
INSERT INTO "courses_scheme"."program_discipline" VALUES (4, 1, 18);
INSERT INTO "courses_scheme"."program_discipline" VALUES (5, 1, 20);
INSERT INTO "courses_scheme"."program_discipline" VALUES (6, 1, 24);
INSERT INTO "courses_scheme"."program_discipline" VALUES (7, 1, 39);
INSERT INTO "courses_scheme"."program_discipline" VALUES (8, 1, 2);
INSERT INTO "courses_scheme"."program_discipline" VALUES (9, 2, 6);
INSERT INTO "courses_scheme"."program_discipline" VALUES (10, 2, 9);
INSERT INTO "courses_scheme"."program_discipline" VALUES (11, 2, 18);
INSERT INTO "courses_scheme"."program_discipline" VALUES (12, 2, 24);
```

INSERT INTO "courses_scheme"."program_discipline" VALUES (13, 2, 34);
INSERT INTO "courses_scheme"."program_discipline" VALUES (14, 2, 37);
INSERT INTO "courses_scheme"."program_discipline" VALUES (15, 2, 50);
INSERT INTO "courses_scheme"."program_discipline" VALUES (16, 2, 36);
INSERT INTO "courses_scheme"."program_discipline" VALUES (17, 3, 3);
INSERT INTO "courses_scheme"."program_discipline" VALUES (18, 3, 4);
INSERT INTO "courses_scheme"."program_discipline" VALUES (19, 3, 10);
INSERT INTO "courses_scheme"."program_discipline" VALUES (20, 3, 13);
INSERT INTO "courses_scheme"."program_discipline" VALUES (21, 3, 22);
INSERT INTO "courses_scheme"."program_discipline" VALUES (22, 3, 23);
INSERT INTO "courses_scheme"."program_discipline" VALUES (23, 3, 20);
INSERT INTO "courses_scheme"."program_discipline" VALUES (24, 3, 5);
INSERT INTO "courses_scheme"."program_discipline" VALUES (25, 4, 7);
INSERT INTO "courses_scheme"."program_discipline" VALUES (26, 4, 12);
INSERT INTO "courses_scheme"."program_discipline" VALUES (27, 4, 14);
INSERT INTO "courses_scheme"."program_discipline" VALUES (28, 4, 21);
INSERT INTO "courses_scheme"."program_discipline" VALUES (29, 4, 25);
INSERT INTO "courses_scheme"."program_discipline" VALUES (30, 4, 46);
INSERT INTO "courses_scheme"."program_discipline" VALUES (31, 4, 48);
INSERT INTO "courses_scheme"."program_discipline" VALUES (32, 4, 47);
INSERT INTO "courses_scheme"."program_discipline" VALUES (33, 5, 8);
INSERT INTO "courses_scheme"."program_discipline" VALUES (34, 5, 11);
INSERT INTO "courses_scheme"."program_discipline" VALUES (35, 5, 27);
INSERT INTO "courses_scheme"."program_discipline" VALUES (36, 5, 28);
INSERT INTO "courses_scheme"."program_discipline" VALUES (37, 5, 30);
INSERT INTO "courses_scheme"."program_discipline" VALUES (38, 5, 31);
INSERT INTO "courses_scheme"."program_discipline" VALUES (39, 5, 40);
INSERT INTO "courses_scheme"."program_discipline" VALUES (40, 5, 41);
INSERT INTO "courses_scheme"."program_discipline" VALUES (41, 5, 45);
INSERT INTO "courses_scheme"."program_discipline" VALUES (42, 6, 8);
INSERT INTO "courses_scheme"."program_discipline" VALUES (43, 6, 11);
INSERT INTO "courses_scheme"."program_discipline" VALUES (44, 6, 32);
INSERT INTO "courses_scheme"."program_discipline" VALUES (45, 6, 43);
INSERT INTO "courses_scheme"."program_discipline" VALUES (46, 6, 29);
INSERT INTO "courses_scheme"."program_discipline" VALUES (47, 6, 31);
INSERT INTO "courses_scheme"."program_discipline" VALUES (48, 6, 49);
INSERT INTO "courses_scheme"."program_discipline" VALUES (49, 6, 15);

INSERT INTO "courses_scheme"."program_discipline" VALUES (50, 6, 44);
INSERT INTO "courses_scheme"."program_discipline" VALUES (51, 7, 4);
INSERT INTO "courses_scheme"."program_discipline" VALUES (52, 7, 13);
INSERT INTO "courses_scheme"."program_discipline" VALUES (53, 7, 20);
INSERT INTO "courses_scheme"."program_discipline" VALUES (54, 7, 22);
INSERT INTO "courses_scheme"."program_discipline" VALUES (55, 7, 33);
INSERT INTO "courses_scheme"."program_discipline" VALUES (56, 7, 42);
INSERT INTO "courses_scheme"."program_discipline" VALUES (57, 7, 39);
INSERT INTO "courses_scheme"."program_discipline" VALUES (58, 8, 12);
INSERT INTO "courses_scheme"."program_discipline" VALUES (59, 8, 16);
INSERT INTO "courses_scheme"."program_discipline" VALUES (60, 8, 17);
INSERT INTO "courses_scheme"."program_discipline" VALUES (61, 8, 23);
INSERT INTO "courses_scheme"."program_discipline" VALUES (62, 8, 25);
INSERT INTO "courses_scheme"."program_discipline" VALUES (63, 8, 46);
INSERT INTO "courses_scheme"."program_discipline" VALUES (64, 8, 50);
INSERT INTO "courses_scheme"."program_discipline" VALUES (65, 8, 26);
INSERT INTO "courses_scheme"."program_discipline" VALUES (66, 9, 9);
INSERT INTO "courses_scheme"."program_discipline" VALUES (67, 9, 24);
INSERT INTO "courses_scheme"."program_discipline" VALUES (68, 9, 34);
INSERT INTO "courses_scheme"."program_discipline" VALUES (69, 9, 37);
INSERT INTO "courses_scheme"."program_discipline" VALUES (70, 9, 38);
INSERT INTO "courses_scheme"."program_discipline" VALUES (71, 9, 42);
INSERT INTO "courses_scheme"."program_discipline" VALUES (72, 9, 43);
INSERT INTO "courses_scheme"."program_discipline" VALUES (73, 9, 35);
INSERT INTO "courses_scheme"."program_discipline" VALUES (74, 10, 10);
INSERT INTO "courses_scheme"."program_discipline" VALUES (75, 10, 19);
INSERT INTO "courses_scheme"."program_discipline" VALUES (76, 10, 21);
INSERT INTO "courses_scheme"."program_discipline" VALUES (77, 10, 22);
INSERT INTO "courses_scheme"."program_discipline" VALUES (78, 10, 25);
INSERT INTO "courses_scheme"."program_discipline" VALUES (79, 10, 33);
INSERT INTO "courses_scheme"."program_discipline" VALUES (80, 10, 49);

--
-- TOC entry 3536 (class 0 OID 16504)
-- Dependencies: 228

-- Data for Name: programs; Type: TABLE DATA; Schema: courses_scheme;
Owner: postgres
--

INSERT INTO "courses_scheme"."programs" VALUES (1, 'онлайн', 60000,
'IT-старт', 'для начинающих', 495, 'сертификат', 'Программист (junior)');
INSERT INTO "courses_scheme"."programs" VALUES (2, 'смешанный',
225000, 'Веб-разработка', 'повышение квалификации', 435, 'удостоверение',
'Веб-разработчик');
INSERT INTO "courses_scheme"."programs" VALUES (3, 'оффлайн', 230000,
'Аналитик данных', 'профпереподготовка', 500, 'диплом', 'Data Analyst');
INSERT INTO "courses_scheme"."programs" VALUES (4, 'онлайн', 240000,
'Кибербезопасность', 'интенсив', 445, 'сертификат', 'Специалист по
кибербезопасности');
INSERT INTO "courses_scheme"."programs" VALUES (5, 'оффлайн', 180000,
'Менеджмент-старт', 'для начинающих', 425, 'удостоверение',
'Менеджер-стажёр');
INSERT INTO "courses_scheme"."programs" VALUES (6, 'смешанный',
228000, 'Стратегический менеджмент', 'повышение квалификации', 500,
'диплом', 'Стратегический менеджер');
INSERT INTO "courses_scheme"."programs" VALUES (7, 'смешанный',
150000, 'Бизнес-аналитика', 'интенсив', 390, 'сертификат',
'Бизнес-аналитик');
INSERT INTO "courses_scheme"."programs" VALUES (8, 'онлайн', 260000,
'DevOps-инженер', 'профпереподготовка', 490, 'удостоверение',
'DevOps-инженер');
INSERT INTO "courses_scheme"."programs" VALUES (9, 'оффлайн', 220000,
'UX/UI-дизайн', 'повышение квалификации', 390, 'сертификат',
'UX/UI-дизайнер');
INSERT INTO "courses_scheme"."programs" VALUES (10, 'онлайн', 280000,
'Машинное обучение', 'интенсив', 460, 'удостоверение', 'ML-инженер');

--
-- TOC entry 3544 (class 0 OID 16557)
-- Dependencies: 236

-- Data for Name: rooms; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."rooms" VALUES (1, '111', 'лекционная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (2, '112', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (3, '113', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (4, '114', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (5, '115', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (6, '116', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (7, '117', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (8, '118', 'лекционная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (9, '119', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (10, '210', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (11, '211', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (12, '212', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (13, '213', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (14, '214', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (15, '215', 'лекционная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (16, '311', 'лекционная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (17, '312', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (18, '313', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (19, '314', 'учебная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (20, '315', 'лекционная', 1);
INSERT INTO "courses_scheme"."rooms" VALUES (21, '121', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (22, '122', 'лекционная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (23, '123', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (24, '124', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (25, '125', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (26, '126', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (27, '127', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (28, '128', 'лекционная', 2);

INSERT INTO "courses_scheme"."rooms" VALUES (29, '129', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (30, '220', 'лекционная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (31, '221', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (32, '222', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (33, '223', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (34, '224', 'лекционная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (35, '225', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (36, '266', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (37, '320', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (38, '321', 'лекционная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (39, '322', 'учебная', 2);
INSERT INTO "courses_scheme"."rooms" VALUES (40, '323', 'учебная', 2);

--
-- TOC entry 3554 (class 0 OID 16711)
-- Dependencies: 246
-- Data for Name: student_practice; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."student_practice" VALUES (1, 1, 3);
INSERT INTO "courses_scheme"."student_practice" VALUES (2, 1, 11);
INSERT INTO "courses_scheme"."student_practice" VALUES (3, 1, 14);
INSERT INTO "courses_scheme"."student_practice" VALUES (4, 1, 22);
INSERT INTO "courses_scheme"."student_practice" VALUES (5, 1, 25);
INSERT INTO "courses_scheme"."student_practice" VALUES (6, 1, 33);
INSERT INTO "courses_scheme"."student_practice" VALUES (7, 1, 44);
INSERT INTO "courses_scheme"."student_practice" VALUES (8, 1, 47);
INSERT INTO "courses_scheme"."student_practice" VALUES (9, 1, 55);
INSERT INTO "courses_scheme"."student_practice" VALUES (10, 1, 58);
INSERT INTO "courses_scheme"."student_practice" VALUES (11, 1, 66);
INSERT INTO "courses_scheme"."student_practice" VALUES (12, 1, 69);
INSERT INTO "courses_scheme"."student_practice" VALUES (13, 1, 77);

INSERT INTO "courses_scheme"."student_practice" VALUES (14, 1, 80);
INSERT INTO "courses_scheme"."student_practice" VALUES (15, 1, 88);
INSERT INTO "courses_scheme"."student_practice" VALUES (16, 1, 91);
INSERT INTO "courses_scheme"."student_practice" VALUES (17, 1, 99);
INSERT INTO "courses_scheme"."student_practice" VALUES (18, 1, 102);
INSERT INTO "courses_scheme"."student_practice" VALUES (19, 1, 110);
INSERT INTO "courses_scheme"."student_practice" VALUES (20, 1, 113);
INSERT INTO "courses_scheme"."student_practice" VALUES (21, 1, 121);
INSERT INTO "courses_scheme"."student_practice" VALUES (22, 1, 124);
INSERT INTO "courses_scheme"."student_practice" VALUES (23, 1, 132);
INSERT INTO "courses_scheme"."student_practice" VALUES (24, 1, 135);
INSERT INTO "courses_scheme"."student_practice" VALUES (25, 1, 143);
INSERT INTO "courses_scheme"."student_practice" VALUES (26, 1, 146);
INSERT INTO "courses_scheme"."student_practice" VALUES (27, 1, 154);
INSERT INTO "courses_scheme"."student_practice" VALUES (28, 1, 157);
INSERT INTO "courses_scheme"."student_practice" VALUES (29, 1, 165);
INSERT INTO "courses_scheme"."student_practice" VALUES (30, 1, 168);
INSERT INTO "courses_scheme"."student_practice" VALUES (31, 2, 12);
INSERT INTO "courses_scheme"."student_practice" VALUES (32, 2, 23);
INSERT INTO "courses_scheme"."student_practice" VALUES (33, 2, 34);
INSERT INTO "courses_scheme"."student_practice" VALUES (34, 2, 45);
INSERT INTO "courses_scheme"."student_practice" VALUES (35, 2, 67);
INSERT INTO "courses_scheme"."student_practice" VALUES (36, 2, 78);
INSERT INTO "courses_scheme"."student_practice" VALUES (37, 2, 89);
INSERT INTO "courses_scheme"."student_practice" VALUES (38, 2, 100);
INSERT INTO "courses_scheme"."student_practice" VALUES (39, 2, 111);
INSERT INTO "courses_scheme"."student_practice" VALUES (40, 2, 122);
INSERT INTO "courses_scheme"."student_practice" VALUES (41, 2, 133);
INSERT INTO "courses_scheme"."student_practice" VALUES (42, 2, 144);
INSERT INTO "courses_scheme"."student_practice" VALUES (43, 2, 155);
INSERT INTO "courses_scheme"."student_practice" VALUES (44, 2, 166);

--
-- TOC entry 3524 (class 0 OID 16401)
-- Dependencies: 216

-- Data for Name: students; Type: TABLE DATA; Schema: courses_scheme; Owner: postgres
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INSERT INTO "courses_scheme"."students" VALUES (151, '+7-930-786-7345', 'Савельева', 'Валентина Олеговна', '9544 922487');
INSERT INTO "courses_scheme"."students" VALUES (152, '+7-942-427-1243', 'Королёва', 'Марина Викторовна', '5329 842973');
INSERT INTO "courses_scheme"."students" VALUES (153, '+7-927-911-4889', 'Ушаков', 'Данила Юрьевич', '4739 438146');
INSERT INTO "courses_scheme"."students" VALUES (154, '+7-993-201-7361', 'Морозов', 'Владислав Павлович', '5661 923261');
INSERT INTO "courses_scheme"."students" VALUES (155, '+7-919-289-4934', 'Чернов', 'Алексей Игоревич', '9823 681742');
INSERT INTO "courses_scheme"."students" VALUES (156, '+7-943-554-5391', 'Блинов', 'Игнат Владимирович', '3088 989082');
INSERT INTO "courses_scheme"."students" VALUES (157, '+7-930-387-8573', 'Кочетов', 'Яков Иванович', '2380 147115');
INSERT INTO "courses_scheme"."students" VALUES (158, '+7-935-545-7830', 'Голубева', 'Аделина Константиновна', '8096 517922');
INSERT INTO "courses_scheme"."students" VALUES (159, '+7-971-334-1519', 'Ефимова', 'Лидия Аркадьевна', '7185 840557');
INSERT INTO "courses_scheme"."students" VALUES (160, '+7-934-660-3682', 'Дмитриева', 'Элина Игоревна', '3126 790628');
INSERT INTO "courses_scheme"."students" VALUES (161, '+7-963-731-5188', 'Рожков', 'Семён Павлович', '8163 956309');
INSERT INTO "courses_scheme"."students" VALUES (162, '+7-953-526-5478', 'Пименов', 'Матвей Олегович', '8309 917035');
INSERT INTO "courses_scheme"."students" VALUES (163, '+7-952-647-9145', 'Шестаков', 'Герман Валерьевич', '8674 638943');
INSERT INTO "courses_scheme"."students" VALUES (164, '+7-971-681-5370', 'Комарова', 'Яна Анатольевна', '5248 151511');
INSERT INTO "courses_scheme"."students" VALUES (165, '+7-913-401-9709', 'Ковалёв', 'Савелий Сергеевич', '7062 232505');
INSERT INTO "courses_scheme"."students" VALUES (166, '+7-942-441-5633', 'Макаров', 'Георгий Николаевич', '6214 955823');

INSERT INTO "courses_scheme"."students" VALUES (167, '+7-921-495-8872', 'Лебедев', 'Константин Григорьевич', '8190 264455');
INSERT INTO "courses_scheme"."students" VALUES (168, '+7-984-315-2246', 'Андреев', 'Матвей Александрович', '4578 812489');
INSERT INTO "courses_scheme"."students" VALUES (169, '+7-977-345-3437', 'Зимин', 'Артём Васильевич', '3522 583475');
INSERT INTO "courses_scheme"."students" VALUES (170, '+7-957-303-6309', 'Павлов', 'Кирилл Викторович', '9980 590013');
INSERT INTO "courses_scheme"."students" VALUES (171, '+7-915-267-8598', 'Борисова', 'Дарина Сергеевна', '3960 982477');
INSERT INTO "courses_scheme"."students" VALUES (172, '+7-927-904-3709', 'Краснов', 'Тимофей Евгеньевич', '2225 175770');
INSERT INTO "courses_scheme"."students" VALUES (173, '+7-971-943-4609', 'Щукин', 'Илья Валентинович', '8285 452026');
INSERT INTO "courses_scheme"."students" VALUES (174, '+7-943-175-5754', 'Фёдорова', 'Надежда Тимофеевна', '7779 370119');
INSERT INTO "courses_scheme"."students" VALUES (175, '+7-936-531-7361', 'Дмитриев', 'Анатолий Игоревич', '3276 927209');
INSERT INTO "courses_scheme"."students" VALUES (176, '+7-929-316-4265', 'Васин', 'Николай Аркадьевич', '6744 644808');
INSERT INTO "courses_scheme"."students" VALUES (177, '+7-999-310-9748', 'Рожкова', 'Анфиса Павловна', '8889 583832');
INSERT INTO "courses_scheme"."students" VALUES (178, '+7-981-207-4470', 'Белов', 'Ярослав Денисович', '1575 833669');
INSERT INTO "courses_scheme"."students" VALUES (179, '+7-941-985-6090', 'Гусева', 'Инна Григорьевна', '9995 145155');
INSERT INTO "courses_scheme"."students" VALUES (180, '+7-996-236-6384', 'Лапина', 'Лариса Тимуровна', '4007 436615');
INSERT INTO "courses_scheme"."students" VALUES (181, '+7-945-213-9165', 'Алексеев', 'Денис Валерьевич', '8106 789053');
INSERT INTO "courses_scheme"."students" VALUES (182, '+7-911-675-4309', 'Морозова', 'Виктория Павловна', '8752 970555');
INSERT INTO "courses_scheme"."students" VALUES (183, '+7-927-861-9858', 'Комаров', 'Артур Анатольевич', '8453 179689');
INSERT INTO "courses_scheme"."students" VALUES (184, '+7-985-630-1812', 'Волкова', 'Кристина Евгеньевна', '5138 104503');

INSERT INTO "courses_scheme"."students" VALUES (185, '+7-953-855-3604', 'Соколов', 'Николай Иванович', '7415 712277');
INSERT INTO "courses_scheme"."students" VALUES (186, '+7-983-840-5305', 'Кочетова', 'Инга Ивановна', '5605 247867');
INSERT INTO "courses_scheme"."students" VALUES (187, '+7-933-605-9468', 'Костин', 'Виктор Петрович', '3970 859849');
INSERT INTO "courses_scheme"."students" VALUES (188, '+7-953-146-9522', 'Иванова', 'Анастасия Сергеевна', '9627 681707');
INSERT INTO "courses_scheme"."students" VALUES (189, '+7-932-875-9235', 'Громов', 'Евгений Андреевич', '5790 527986');
INSERT INTO "courses_scheme"."students" VALUES (190, '+7-960-676-5598', 'Краснова', 'Лидия Евгеньевна', '1600 430222');
INSERT INTO "courses_scheme"."students" VALUES (191, '+7-970-476-3421', 'Ильина', 'Снежана Ильинична', '6570 137478');
INSERT INTO "courses_scheme"."students" VALUES (192, '+7-925-634-2082', 'Бондарев', 'Егор Анатольевич', '1574 300580');
INSERT INTO "courses_scheme"."students" VALUES (193, '+7-996-440-5166', 'Щукина', 'Нелли Валентиновна', '3815 292884');
INSERT INTO "courses_scheme"."students" VALUES (194, '+7-942-311-2311', 'Петрова', 'Валерия Аркадьевна', '5575 472657');
INSERT INTO "courses_scheme"."students" VALUES (195, '+7-986-548-9436', 'Тихонова', 'Ксения Сергеевна', '2645 494865');
INSERT INTO "courses_scheme"."students" VALUES (196, '+7-927-925-7906', 'Пименова', 'Инна Олеговна', '5257 578584');
INSERT INTO "courses_scheme"."students" VALUES (197, '+7-954-846-8120', 'Ковалёва', 'Маргарита Сергеевна', '8266 586725');
INSERT INTO "courses_scheme"."students" VALUES (198, '+7-928-491-8770', 'Шестакова', 'Василиса Валерьевна', '3643 634623');
INSERT INTO "courses_scheme"."students" VALUES (199, '+7-962-716-6999', 'Майоров', 'Анатолий Николаевич', '7865 559430');
INSERT INTO "courses_scheme"."students" VALUES (200, '+7-981-695-4576', 'Васильев', 'Антон Борисович', '8786 725827');
INSERT INTO "courses_scheme"."students" VALUES (201, '+7-979-446-8061', 'Макарова', 'Лилия Николаевна', '4956 669782');
INSERT INTO "courses_scheme"."students" VALUES (202, '+7-983-976-8235', 'Савельев', 'Борис Олегович', '5747 642999');

INSERT INTO "courses_scheme"."students" VALUES (203, '+7-922-603-8095', 'Титов', 'Василий Леонидович', '9125 535346');
INSERT INTO "courses_scheme"."students" VALUES (204, '+7-951-367-4087', 'Калинина', 'Влада Валентиновна', '3434 318185');
INSERT INTO "courses_scheme"."students" VALUES (205, '+7-961-656-8681', 'Новиков', 'Андрей Юрьевич', '3569 873579');
INSERT INTO "courses_scheme"."students" VALUES (206, '+7-990-196-5529', 'Иванов', 'Алексей Сергеевич', '4506 332973');
INSERT INTO "courses_scheme"."students" VALUES (207, '+7-961-822-7379', 'Зайцева', 'Диана Алексеевна', '2536 449879');
INSERT INTO "courses_scheme"."students" VALUES (208, '+7-971-786-2331', 'Орлова', 'Татьяна Евгеньевна', '8855 448707');
INSERT INTO "courses_scheme"."students" VALUES (209, '+7-948-799-6267', 'Борисов', 'Григорий Сергеевич', '6279 560257');
INSERT INTO "courses_scheme"."students" VALUES (210, '+7-980-352-6777', 'Смирнова', 'Мария Андреевна', '3541 717669');
INSERT INTO "courses_scheme"."students" VALUES (211, '+7-947-111-9372', 'Савин', 'Глеб Николаевич', '5172 312769');
INSERT INTO "courses_scheme"."students" VALUES (212, '+7-929-208-1488', 'Васина', 'Жанна Аркадьевна', '9504 135279');
INSERT INTO "courses_scheme"."students" VALUES (213, '+7-981-812-8898', 'Беляев', 'Владимир Александрович', '3408 158958');
INSERT INTO "courses_scheme"."students" VALUES (214, '+7-990-871-9501', 'Костина', 'Алиса Петровна', '9492 176401');
INSERT INTO "courses_scheme"."students" VALUES (215, '+7-968-908-7125', 'Демидова', 'Наталья Дмитриевна', '4523 420416');
INSERT INTO "courses_scheme"."students" VALUES (216, '+7-988-953-6197', 'Сафонов', 'Игорь Михайлович', '3875 718688');
INSERT INTO "courses_scheme"."students" VALUES (217, '+7-942-246-7301', 'Павлова', 'Вероника Викторовна', '4350 377094');
INSERT INTO "courses_scheme"."students" VALUES (218, '+7-963-898-9969', 'Козлов', 'Павел Николаевич', '8101 788934');
INSERT INTO "courses_scheme"."students" VALUES (219, '+7-962-823-3957', 'Фролов', 'Мирослав Алексеевич', '3926 550132');
INSERT INTO "courses_scheme"."students" VALUES (220, '+7-952-309-3654', 'Куликова', 'Олеся Петровна', '1529 187226');

INSERT INTO "courses_scheme"."students" VALUES (221, '+7-951-594-5502', 'Захарова', 'Ева Константиновна', '1180 154701');
INSERT INTO "courses_scheme"."students" VALUES (222, '+7-916-307-4695', 'Кудрявцев', 'Арсений Владимирович', '6753 499966');
INSERT INTO "courses_scheme"."students" VALUES (223, '+7-930-758-5473', 'Волков', 'Артём Евгеньевич', '2367 263219');
INSERT INTO "courses_scheme"."students" VALUES (224, '+7-919-365-4072', 'Киселёв', 'Даниил Игоревич', '1659 579205');
INSERT INTO "courses_scheme"."students" VALUES (225, '+7-913-336-2602', 'Зайцев', 'Владимир Алексеевич', '3146 832790');
INSERT INTO "courses_scheme"."students" VALUES (226, '+7-973-330-6569', 'Козлова', 'Елена Николаевна', '9010 635089');
INSERT INTO "courses_scheme"."students" VALUES (227, '+7-937-645-9832', 'Алексина', 'Илона Михайловна', '6216 145777');
INSERT INTO "courses_scheme"."students" VALUES (228, '+7-957-697-3764', 'Попов', 'Артём Олегович', '7218 842829');
INSERT INTO "courses_scheme"."students" VALUES (229, '+7-927-423-4147', 'Алексин', 'Семён Михайлович', '6251 780171');
INSERT INTO "courses_scheme"."students" VALUES (230, '+7-912-248-2356', 'Самойлова', 'Диана Юрьевна', '9639 305819');
INSERT INTO "courses_scheme"."students" VALUES (231, '+7-927-218-5682', 'Никитина', 'Злата Валентиновна', '3773 666345');
INSERT INTO "courses_scheme"."students" VALUES (232, '+7-945-164-7085', 'Егоров', 'Илья Дмитриевич', '7014 843787');
INSERT INTO "courses_scheme"."students" VALUES (233, '+7-920-931-5839', 'Баранов', 'Олег Юрьевич', '9233 784849');
INSERT INTO "courses_scheme"."students" VALUES (234, '+7-937-295-6066', 'Князева', 'Эвелина Фёдоровна', '5584 855832');
INSERT INTO "courses_scheme"."students" VALUES (235, '+7-993-223-5404', 'Фролова', 'Алла Алексеевна', '6516 799658');
INSERT INTO "courses_scheme"."students" VALUES (236, '+7-949-415-8754', 'Абрамова', 'Ярослава Сергеевна', '1792 226840');
INSERT INTO "courses_scheme"."students" VALUES (237, '+7-914-424-2016', 'Орлов', 'Виктор Евгеньевич', '1881 250809');
INSERT INTO "courses_scheme"."students" VALUES (238, '+7-910-194-9570', 'Смирнов', 'Михаил Андреевич', '6198 802463');

INSERT INTO "courses_scheme"."students" VALUES (239, '+7-966-314-3857', 'Захаров', 'Максим Константинович', '3929 166287');
INSERT INTO "courses_scheme"."students" VALUES (240, '+7-936-226-9497', 'Калинин', 'Андрей Валентинович', '8454 798121');
INSERT INTO "courses_scheme"."students" VALUES (241, '+7-942-891-5542', 'Самойлов', 'Михаил Юрьевич', '2667 288321');
INSERT INTO "courses_scheme"."students" VALUES (242, '+7-968-476-7597', 'Николаев', 'Пётр Викторович', '8998 665925');
INSERT INTO "courses_scheme"."students" VALUES (243, '+7-948-257-1678', 'Лапин', 'Вячеслав Тимурович', '7299 141449');
INSERT INTO "courses_scheme"."students" VALUES (244, '+7-921-914-5318', 'Голубев', 'Станислав Константинович', '9594 402875');
INSERT INTO "courses_scheme"."students" VALUES (245, '+7-957-570-3613', 'Родионова', 'Алина Михайловна', '6172 509701');
INSERT INTO "courses_scheme"."students" VALUES (246, '+7-958-138-5455', 'Чернова', 'Оксана Игоревна', '4594 233280');
INSERT INTO "courses_scheme"."students" VALUES (247, '+7-913-923-3097', 'Ефимов', 'Всеволод Аркадьевич', '9060 769124');
INSERT INTO "courses_scheme"."students" VALUES (248, '+7-925-132-5216', 'Родионов', 'Артём Михайлович', '1034 641029');
INSERT INTO "courses_scheme"."students" VALUES (249, '+7-935-716-5395', 'Лебедева', 'Дарья Максимовна', '2860 735876');
INSERT INTO "courses_scheme"."students" VALUES (250, '+7-932-435-8701', 'Лебедев', 'Егор Максимович', '9841 354780');
INSERT INTO "courses_scheme"."students" VALUES (251, '+7-964-942-1358', 'Беляева', 'Оксана Александровна', '5456 183277');
INSERT INTO "courses_scheme"."students" VALUES (252, '+7-983-154-7109', 'Ермаков', 'Роман Леонидович', '8104 885131');
INSERT INTO "courses_scheme"."students" VALUES (253, '+7-946-213-8028', 'Киселёва', 'Вера Игоревна', '1619 906967');
INSERT INTO "courses_scheme"."students" VALUES (254, '+7-967-702-3154', 'Фёдоров', 'Иван Тимофеевич', '5103 803660');
INSERT INTO "courses_scheme"."students" VALUES (255, '+7-985-474-3376', 'Шилова', 'Таисия Артёмовна', '5816 732734');
INSERT INTO "courses_scheme"."students" VALUES (256, '+7-949-614-4284', 'Соколова', 'Анна Ивановна', '7399 257019');

INSERT INTO "courses_scheme"."students" VALUES (257, '+7-954-769-2971', 'Гаврилова', 'Лидия Григорьевна', '8579 100709');
INSERT INTO "courses_scheme"."students" VALUES (258, '+7-934-376-6273', 'Ермакова', 'Алина Леонидовна', '3240 706486');
INSERT INTO "courses_scheme"."students" VALUES (259, '+7-975-416-7758', 'Сафонова', 'Елизавета Михайловна', '6144 659348');
INSERT INTO "courses_scheme"."students" VALUES (260, '+7-985-170-7900', 'Белова', 'Светлана Денисовна', '4832 875789');
INSERT INTO "courses_scheme"."students" VALUES (261, '+7-933-527-5316', 'Ушакова', 'Аделина Юрьевна', '5001 421619');
INSERT INTO "courses_scheme"."students" VALUES (262, '+7-923-334-5018', 'Майорова', 'Александра Николаевна', '9157 213198');
INSERT INTO "courses_scheme"."students" VALUES (263, '+7-994-981-1215', 'Куликов', 'Валерий Петрович', '3228 694625');
INSERT INTO "courses_scheme"."students" VALUES (264, '+7-961-991-4746', 'Кузнецова', 'Ольга Игоревна', '3892 978920');
INSERT INTO "courses_scheme"."students" VALUES (265, '+7-940-613-6431', 'Титова', 'Юлия Леонидовна', '6565 448380');
INSERT INTO "courses_scheme"."students" VALUES (266, '+7-989-226-7299', 'Васильева', 'Алёна Борисовна', '2681 825121');
INSERT INTO "courses_scheme"."students" VALUES (267, '+7-947-569-1145', 'Гаврилов', 'Илья Григорьевич', '8679 584082');
INSERT INTO "courses_scheme"."students" VALUES (268, '+7-923-448-6725', 'Князев', 'Тимур Фёдорович', '3738 116729');
INSERT INTO "courses_scheme"."students" VALUES (269, '+7-996-345-6111', 'Алексеева', 'Полина Валерьевна', '5219 788981');
INSERT INTO "courses_scheme"."students" VALUES (270, '+7-955-629-8966', 'Блинова', 'Лиана Владимировна', '2639 955794');
INSERT INTO "courses_scheme"."students" VALUES (271, '+7-963-870-5676', 'Семёнов', 'Роман Михайлович', '2221 120674');
INSERT INTO "courses_scheme"."students" VALUES (272, '+7-928-702-5573', 'Андреева', 'Арина Александровна', '5157 615961');
INSERT INTO "courses_scheme"."students" VALUES (273, '+7-932-638-9921', 'Абрамов', 'Владислав Сергеевич', '1066 701596');
INSERT INTO "courses_scheme"."students" VALUES (274, '+7-976-382-4968', 'Муравьёв', 'Даниил Александрович', '1698 259194');

INSERT INTO "courses_scheme"."students" VALUES (275, '+7-990-697-3249', 'Тихонов', 'Станислав Сергеевич', '2846 308265');
INSERT INTO "courses_scheme"."students" VALUES (276, '+7-940-567-7124', 'Новикова', 'Софья Юрьевна', '1159 488232');
INSERT INTO "courses_scheme"."students" VALUES (277, '+7-949-115-2217', 'Бондарева', 'Вера Анатольевна', '3997 438844');
INSERT INTO "courses_scheme"."students" VALUES (278, '+7-938-305-4342', 'Егорова', 'Ирина Дмитриевна', '1353 435664');
INSERT INTO "courses_scheme"."students" VALUES (279, '+7-952-581-1945', 'Николаева', 'Ирина Викторовна', '1843 434453');
INSERT INTO "courses_scheme"."students" VALUES (280, '+7-936-122-6901', 'Пахомова', 'Вероника Аркадьевна', '6824 425107');
INSERT INTO "courses_scheme"."students" VALUES (281, '+7-916-457-7353', 'Муравьёва', 'Мария Александровна', '4048 612931');
INSERT INTO "courses_scheme"."students" VALUES (282, '+7-999-423-3147', 'Савина', 'Лидия Николаевна', '9020 151891');
INSERT INTO "courses_scheme"."students" VALUES (283, '+7-955-849-2551', 'Петров', 'Тимур Аркадьевич', '9561 168491');
INSERT INTO "courses_scheme"."students" VALUES (284, '+7-922-330-1091', 'Попова', 'Екатерина Олеговна', '5144 590495');
INSERT INTO "courses_scheme"."students" VALUES (285, '+7-967-962-6865', 'Кузнецов', 'Дмитрий Игоревич', '3642 599824');
INSERT INTO "courses_scheme"."students" VALUES (286, '+7-997-636-5109', 'Сысоева', 'Ника Александровна', '3148 511912');
INSERT INTO "courses_scheme"."students" VALUES (287, '+7-912-955-7610', 'Шилов', 'Валерий Артёмович', '6120 617407');
INSERT INTO "courses_scheme"."students" VALUES (288, '+7-986-954-3401', 'Сысоев', 'Вадим Александрович', '4212 518265');
INSERT INTO "courses_scheme"."students" VALUES (289, '+7-914-324-4951', 'Баранова', 'Виктория Юрьевна', '9415 351439');
INSERT INTO "courses_scheme"."students" VALUES (290, '+7-999-724-6598', 'Громова', 'Милана Андреевна', '8966 512538');
INSERT INTO "courses_scheme"."students" VALUES (291, '+7-972-615-5488', 'Никитин', 'Глеб Валентинович', '3109 100022');
INSERT INTO "courses_scheme"."students" VALUES (292, '+7-991-532-9466', 'Семёнова', 'Милана Михайловна', '2203 510406');

INSERT INTO "courses_scheme"."students" VALUES (293, '+7-984-303-8554', 'Демидов', 'Павел Дмитриевич', '8938 670248');
INSERT INTO "courses_scheme"."students" VALUES (294, '+7-950-960-7800', 'Кудрявцева', 'Алина Владимировна', '3176 593160');
INSERT INTO "courses_scheme"."students" VALUES (295, '+7-988-494-9636', 'Ильин', 'Алексей Ильич', '8235 439666');
INSERT INTO "courses_scheme"."students" VALUES (296, '+7-963-662-9626', 'Пахомов', 'Алексей Аркадьевич', '1721 401631');
INSERT INTO "courses_scheme"."students" VALUES (297, '+7-975-348-8787', 'Зимина', 'Софья Васильевна', '3321 693081');
INSERT INTO "courses_scheme"."students" VALUES (298, '+7-965-273-1305', 'Королёв', 'Арсений Викторович', '3234 348742');
INSERT INTO "courses_scheme"."students" VALUES (299, '+7-985-700-3367', 'Гусев', 'Фёдор Григорьевич', '5173 798851');
INSERT INTO "courses_scheme"."students" VALUES (300, '+7-983-927-4108', 'Попов', 'Иван Алексеевич', '3749 903688');
INSERT INTO "courses_scheme"."students" VALUES (301, '+7-979-519-4996', 'Андреев', 'Алексей Сергеевич', '5703 154465');
INSERT INTO "courses_scheme"."students" VALUES (302, '+7-919-196-4169', 'Попов', 'Иван Алексеевич', '9079 116565');
INSERT INTO "courses_scheme"."students" VALUES (303, '+7-944-830-5383', 'Смирнова', 'Екатерина Игоревна', '7582 238999');
INSERT INTO "courses_scheme"."students" VALUES (304, '+7-959-318-2271', 'Смирнова', 'Екатерина Игоревна', '2028 844943');
INSERT INTO "courses_scheme"."students" VALUES (305, '+7-922-513-5489', 'Попов', 'Иван Алексеевич', '5325 702823');
INSERT INTO "courses_scheme"."students" VALUES (306, '+7-969-636-8498', 'Попов', 'Иван Алексеевич', '3099 836066');
INSERT INTO "courses_scheme"."students" VALUES (307, '+7-929-753-7746', 'Смирнова', 'Екатерина Игоревна', '2950 191376');
INSERT INTO "courses_scheme"."students" VALUES (308, '+7-998-205-1573', 'Андреева', 'Мария Викторовна', '7513 393283');
INSERT INTO "courses_scheme"."students" VALUES (309, '+7-992-863-4723', 'Попов', 'Иван Алексеевич', '7853 493189');
INSERT INTO "courses_scheme"."students" VALUES (310, '+7-937-138-9562', 'Смирнова', 'Екатерина Игоревна', '2684 555309');

INSERT INTO "courses_scheme"."students" VALUES (311, '+7-970-694-6666', 'Попов', 'Иван Алексеевич', '3627 341564');
INSERT INTO "courses_scheme"."students" VALUES (312, '+7-963-673-9498', 'Попов', 'Иван Алексеевич', '6773 994001');
INSERT INTO "courses_scheme"."students" VALUES (313, '+7-923-982-7903', 'Андреева', 'Мария Викторовна', '6315 411313');
INSERT INTO "courses_scheme"."students" VALUES (314, '+7-990-732-6648', 'Смирнова', 'Екатерина Игоревна', '1173 614985');
INSERT INTO "courses_scheme"."students" VALUES (315, '+7-996-366-6565', 'Андреев', 'Алексей Сергеевич', '9130 646986');
INSERT INTO "courses_scheme"."students" VALUES (316, '+7-937-808-2660', 'Андреева', 'Мария Викторовна', '6354 285074');
INSERT INTO "courses_scheme"."students" VALUES (317, '+7-915-473-3749', 'Смирнова', 'Екатерина Игоревна', '5531 438965');
INSERT INTO "courses_scheme"."students" VALUES (318, '+7-919-611-4011', 'Андреев', 'Алексей Сергеевич', '7824 421541');
INSERT INTO "courses_scheme"."students" VALUES (319, '+7-992-582-9512', 'Андреев', 'Алексей Сергеевич', '7265 652768');
INSERT INTO "courses_scheme"."students" VALUES (320, '+7-954-854-4736', 'Попов', 'Иван Алексеевич', '4948 434782');
INSERT INTO "courses_scheme"."students" VALUES (321, '+7-945-134-9026', 'Попов', 'Иван Алексеевич', '2942 814744');
INSERT INTO "courses_scheme"."students" VALUES (322, '+7-969-586-7193', 'Андреев', 'Алексей Сергеевич', '6542 593125');
INSERT INTO "courses_scheme"."students" VALUES (323, '+7-956-909-9345', 'Иванова', 'Анна Павловна', '6999 545103');
INSERT INTO "courses_scheme"."students" VALUES (324, '+7-927-317-6675', 'Смирнова', 'Екатерина Игоревна', '8007 727136');
INSERT INTO "courses_scheme"."students" VALUES (325, '+7-987-834-2532', 'Смирнова', 'Екатерина Игоревна', '8509 635348');
INSERT INTO "courses_scheme"."students" VALUES (326, '+7-927-987-9383', 'Иванова', 'Анна Павловна', '6082 322936');
INSERT INTO "courses_scheme"."students" VALUES (327, '+7-989-999-4441', 'Андреев', 'Алексей Сергеевич', '2062 156593');
INSERT INTO "courses_scheme"."students" VALUES (328, '+7-912-282-1550', 'Иванова', 'Анна Павловна', '4926 917342');

INSERT INTO "courses_scheme"."students" VALUES (329,
'+7-951-153-8821', 'Попов', 'Иван Алексеевич', '7172 179729');
INSERT INTO "courses_scheme"."students" VALUES (330,
'+7-910-882-8619', 'Андреева', 'Мария Викторовна', '3755 553139');

--
-- TOC entry 3534 (class 0 OID 16461)
-- Dependencies: 226
-- Data for Name: teacher_discipline; Type: TABLE DATA; Schema:
courses_scheme; Owner: postgres
--

INSERT INTO "courses_scheme"."teacher_discipline" VALUES (1, 1, 1);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (2, 1, 2);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (3, 2, 3);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (4, 2, 4);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (5, 3, 5);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (6, 3, 6);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (7, 4, 7);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (8, 4, 8);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (9, 5, 9);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (10, 5, 10);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (11, 6, 11);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (12, 6, 12);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (13, 7, 13);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (14, 7, 14);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (15, 8, 15);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (16, 8, 16);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (17, 9, 17);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (18, 9, 18);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (19, 10, 19);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (20, 10, 20);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (21, 11, 21);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (22, 11, 22);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (23, 12, 23);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (24, 12, 24);

INSERT INTO "courses_scheme"."teacher_discipline" VALUES (25, 13, 25);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (26, 13, 26);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (27, 14, 27);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (28, 14, 28);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (29, 15, 29);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (30, 15, 30);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (31, 16, 31);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (32, 17, 32);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (33, 18, 33);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (34, 19, 34);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (35, 20, 35);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (36, 21, 36);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (37, 22, 37);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (38, 23, 38);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (39, 24, 39);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (40, 25, 40);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (41, 26, 41);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (42, 27, 42);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (43, 28, 43);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (44, 29, 44);
INSERT INTO "courses_scheme"."teacher_discipline" VALUES (45, 30, 45);

--
-- TOC entry 3530 (class 0 OID 16445)
-- Dependencies: 222
-- Data for Name: teachers; Type: TABLE DATA; Schema: courses_scheme;
Owner: postgres
--

INSERT INTO "courses_scheme"."teachers" VALUES (1, 'Терехова', 'Мария
Ивановна', 'старший преподаватель', '+7 (901) 234-56-78');
INSERT INTO "courses_scheme"."teachers" VALUES (2, 'Королёв', 'Максим
Сергеевич', 'преподаватель', '+7 (902) 345-67-89');
INSERT INTO "courses_scheme"."teachers" VALUES (3, 'Зайцева',
'Екатерина Петровна', 'ассистент', '+7 (903) 456-78-90');

INSERT INTO "courses_scheme"."teachers" VALUES (4, 'Лебедева', 'Анастасия Андреевна', 'преподаватель', '+7 (904) 567-89-01');
INSERT INTO "courses_scheme"."teachers" VALUES (5, 'Туманов', 'Роман Викторович', 'старший преподаватель', '+7 (905) 678-90-12');
INSERT INTO "courses_scheme"."teachers" VALUES (6, 'Степанова', 'Ольга Дмитриевна', 'ассистент', '+7 (906) 789-01-23');
INSERT INTO "courses_scheme"."teachers" VALUES (7, 'Крылов', 'Денис Сергеевич', 'преподаватель', '+7 (907) 890-12-34');
INSERT INTO "courses_scheme"."teachers" VALUES (8, 'Бурова', 'Софья Александровна', 'старший преподаватель', '+7 (908) 901-23-45');
INSERT INTO "courses_scheme"."teachers" VALUES (9, 'Михайлов', 'Кирилл Игоревич', 'ассистент', '+7 (909) 012-34-56');
INSERT INTO "courses_scheme"."teachers" VALUES (10, 'Павлова', 'Елена Николаевна', 'преподаватель', '+7 (910) 123-45-67');
INSERT INTO "courses_scheme"."teachers" VALUES (11, 'Федосеева', 'Дарья Павловна', 'старший преподаватель', '+7 (911) 234-56-78');
INSERT INTO "courses_scheme"."teachers" VALUES (12, 'Прохоров', 'Илья Олегович', 'ассистент', '+7 (912) 345-67-89');
INSERT INTO "courses_scheme"."teachers" VALUES (13, 'Кузьмина', 'Наталья Юрьевна', 'преподаватель', '+7 (913) 456-78-90');
INSERT INTO "courses_scheme"."teachers" VALUES (14, 'Соловьёв', 'Сергей Максимович', 'старший преподаватель', '+7 (914) 567-89-01');
INSERT INTO "courses_scheme"."teachers" VALUES (15, 'Васильева', 'Валерия Дмитриевна', 'ассистент', '+7 (915) 678-90-12');
INSERT INTO "courses_scheme"."teachers" VALUES (16, 'Ларионов', 'Виктор Александрович', 'преподаватель', '+7 (916) 789-01-23');
INSERT INTO "courses_scheme"."teachers" VALUES (17, 'Виноградова', 'Алина Сергеевна', 'старший преподаватель', '+7 (917) 890-12-34');
INSERT INTO "courses_scheme"."teachers" VALUES (18, 'Орлова', 'Ксения Андреевна', 'ассистент', '+7 (918) 901-23-45');
INSERT INTO "courses_scheme"."teachers" VALUES (19, 'Игнатьев', 'Павел Владимирович', 'преподаватель', '+7 (919) 012-34-56');
INSERT INTO "courses_scheme"."teachers" VALUES (20, 'Белкина', 'Диана Игоревна', 'старший преподаватель', '+7 (920) 123-45-67');
INSERT INTO "courses_scheme"."teachers" VALUES (21, 'Щербаков', 'Артём Петрович', 'ассистент', '+7 (921) 234-56-78');

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INSERT INTO "courses_scheme"."teachers" VALUES (22, 'Герасимова',
'Илона Валерьевна', 'преподаватель', '+7 (922) 345-67-89');
INSERT INTO "courses_scheme"."teachers" VALUES (23, 'Кузовкова',
'Виктория Евгеньевна', 'старший преподаватель', '+7 (923) 456-78-90');
INSERT INTO "courses_scheme"."teachers" VALUES (24, 'Малинин',
'Алексей Ильич', 'ассистент', '+7 (924) 567-89-01');
INSERT INTO "courses_scheme"."teachers" VALUES (25, 'Черкасова',
'Маргарита Сергеевна', 'преподаватель', '+7 (925) 678-90-12');
INSERT INTO "courses_scheme"."teachers" VALUES (26, 'Фролов', 'Денис
Романович', 'старший преподаватель', '+7 (926) 789-01-23');
INSERT INTO "courses_scheme"."teachers" VALUES (27, 'Андреева',
'Милена Кирилловна', 'ассистент', '+7 (927) 890-12-34');
INSERT INTO "courses_scheme"."teachers" VALUES (28, 'Назаров',
'Ростислав Владимирович', 'преподаватель', '+7 (928) 901-23-45');
INSERT INTO "courses_scheme"."teachers" VALUES (29, 'Соловова',
'Ярослава Анатольевна', 'старший преподаватель', '+7 (929) 012-34-56');
INSERT INTO "courses_scheme"."teachers" VALUES (30, 'Толстопятова',
'Людмила Константиновна', 'ассистент', '+7 (930) 123-45-67');


--
-- TOC entry 3590 (class 0 OID 0)
-- Dependencies: 241
-- Name: attendance_attend_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."attendance_attend_id_seq"',
346, true);


--
-- TOC entry 3591 (class 0 OID 0)
-- Dependencies: 233
-- Name: branches_branch_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--
```

SELECT pg_catalog.setval('"courses_scheme"."branches_branch_id_seq"', 2, true);

--
-- TOC entry 3592 (class 0 OID 0)
-- Dependencies: 247
-- Name: certifications_certification_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

SELECT
pg_catalog.setval('"courses_scheme"."certifications_certification_id_seq"', 271, true);

--
-- TOC entry 3593 (class 0 OID 0)
-- Dependencies: 239
-- Name: class_changes_change_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

SELECT
pg_catalog.setval('"courses_scheme"."class_changes_change_id_seq"', 2, true);

--
-- TOC entry 3594 (class 0 OID 0)
-- Dependencies: 237
-- Name: classes_class_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."classes_class_id_seq"', 23, true);

--

-- TOC entry 3595 (class 0 OID 0)

-- Dependencies: 219

-- Name: current_students_curr_stud_id _seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres

--

SELECT pg_catalog.setval('"courses_scheme"."current_students_curr_stud_id _seq"', 186, true);

--

-- TOC entry 3596 (class 0 OID 0)

-- Dependencies: 223

-- Name: disciplines_discipline_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres

--

SELECT pg_catalog.setval('"courses_scheme"."disciplines_discipline_id_seq"', 50, true);

--

-- TOC entry 3597 (class 0 OID 0)

-- Dependencies: 217

-- Name: documents_doc_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres

--

SELECT pg_catalog.setval('"courses_scheme"."documents_doc_id_seq"', 10, true);

--

-- TOC entry 3598 (class 0 OID 0)

-- Dependencies: 231
-- Name: groups_group_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."groups_group_id_seq"', 12,
true);

--
-- TOC entry 3599 (class 0 OID 0)
-- Dependencies: 243
-- Name: practices_practice_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."practices_practice_id_seq"', 2,
true);

--
-- TOC entry 3600 (class 0 OID 0)
-- Dependencies: 229
-- Name: program_discipline_prog_dis_id _seq; Type: SEQUENCE SET;
Schema: courses_scheme; Owner: postgres
--

SELECT
pg_catalog.setval('"courses_scheme"."program_discipline_prog_dis_id _seq"',
80, true);

--
-- TOC entry 3601 (class 0 OID 0)
-- Dependencies: 227
-- Name: programs_program_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres

--

SELECT pg_catalog.setval('"courses_scheme"."programs_program_id_seq"', 10, true);

--
-- TOC entry 3602 (class 0 OID 0)
-- Dependencies: 235
-- Name: rooms_room_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."rooms_room_id_seq"', 40, true);

--
-- TOC entry 3603 (class 0 OID 0)
-- Dependencies: 245
-- Name: student_practice_stud_pr_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."student_practice_stud_pr_id_seq"', 44, true);

--
-- TOC entry 3604 (class 0 OID 0)
-- Dependencies: 215
-- Name: students_student_id_seq; Type: SEQUENCE SET; Schema: courses_scheme; Owner: postgres
--

```
SELECT pg_catalog.setval('"courses_scheme"."students_student_id_seq"', 330,
true);



--
-- TOC entry 3605 (class 0 OID 0)
-- Dependencies: 225
-- Name: teacher_discipline_teach_dis_id_seq; Type: SEQUENCE SET;
Schema: courses_scheme; Owner: postgres
--

SELECT
pg_catalog.setval('"courses_scheme"."teacher_discipline_teach_dis_id_seq"',
45, true);



--
-- TOC entry 3606 (class 0 OID 0)
-- Dependencies: 221
-- Name: teachers_teacher_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--

SELECT pg_catalog.setval('"courses_scheme"."teachers_teacher_id_seq"', 30,
true);



--
-- TOC entry 3350 (class 2606 OID 16674)
-- Name: attendance attendance_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."attendance"
    ADD CONSTRAINT "attendance_pkey" PRIMARY KEY ("attend_id");
```

--
-- TOC entry 3342 (class 2606 OID 16555)
-- Name: branches branches_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."branches"
    ADD CONSTRAINT "branches_pkey" PRIMARY KEY ("branch_id");

--
-- TOC entry 3356 (class 2606 OID 16749)
-- Name: certifications certifications_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."certifications"
    ADD CONSTRAINT "certifications_pkey" PRIMARY KEY
("certification_id");

--
-- TOC entry 3321 (class 2606 OID 16579)
-- Name: rooms check_room_number_valid; Type: CHECK CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE "courses_scheme"."rooms"
    ADD CONSTRAINT "check_room_number_valid" CHECK
(((("room_number")::"text" ~ '^[A-Za-z0-9]+$'::"text")) NOT VALID;

--
-- TOC entry 3348 (class 2606 OID 16662)
-- Name: class_changes class_changes_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

```
ALTER TABLE ONLY "courses_scheme"."class_changes"
    ADD CONSTRAINT "class_changes_pkey" PRIMARY KEY ("change_id");


--
-- TOC entry 3346 (class 2606 OID 16635)
-- Name: classes classes_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."classes"
    ADD CONSTRAINT "classes_pkey" PRIMARY KEY ("class_id");


--
-- TOC entry 3327 (class 2606 OID 16431)
-- Name: current_students current_students_pkey; Type: CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."current_students"
    ADD CONSTRAINT "current_students_pkey" PRIMARY KEY
("curr_stud_id");


--
-- TOC entry 3332 (class 2606 OID 16459)
-- Name: disciplines disciplines_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."disciplines"
    ADD CONSTRAINT "disciplines_pkey" PRIMARY KEY ("discipline_id");


--
```

```
-- TOC entry 3325 (class 2606 OID 16415)
-- Name: documents documents_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."documents"
    ADD CONSTRAINT "documents_pkey" PRIMARY KEY ("doc_id");



--
-- TOC entry 3340 (class 2606 OID 16534)
-- Name: groups groups_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."groups"
    ADD CONSTRAINT "groups_pkey" PRIMARY KEY ("group_id");



--
-- TOC entry 3352 (class 2606 OID 16709)
-- Name: practices practices_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."practices"
    ADD CONSTRAINT "practices_pkey" PRIMARY KEY ("practice_id");



--
-- TOC entry 3338 (class 2606 OID 16516)
-- Name: program_discipline program_discipline_pkey; Type: CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."program_discipline"
```

ADD CONSTRAINT "program_discipline_pkey" PRIMARY KEY ("prog_dis_id");

--
-- TOC entry 3336 (class 2606 OID 16509)
-- Name: programs programs_pkey; Type: CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."programs"
    ADD CONSTRAINT "programs_pkey" PRIMARY KEY ("program_id");

--
-- TOC entry 3344 (class 2606 OID 16562)
-- Name: rooms rooms_pkey; Type: CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."rooms"
    ADD CONSTRAINT "rooms_pkey" PRIMARY KEY ("room_id");

--
-- TOC entry 3354 (class 2606 OID 16716)
-- Name: student_practice student_practice_pkey; Type: CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."student_practice"
    ADD CONSTRAINT "student_practice_pkey" PRIMARY KEY ("stud_pr_id");

--
-- TOC entry 3323 (class 2606 OID 16407)

-- Name: students students_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."students"
    ADD CONSTRAINT "students_pkey" PRIMARY KEY ("student_id");

--
-- TOC entry 3334 (class 2606 OID 16466)
-- Name: teacher_discipline teacher_discipline_pkey; Type: CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teacher_discipline"
    ADD CONSTRAINT "teacher_discipline_pkey" PRIMARY KEY
("teach_dis_id");

--
-- TOC entry 3330 (class 2606 OID 16450)
-- Name: teachers teachers_pkey; Type: CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teachers"
    ADD CONSTRAINT "teachers_pkey" PRIMARY KEY ("teacher_id");

--
-- TOC entry 3328 (class 1259 OID 16443)
-- Name: fki_fk_student_id; Type: INDEX; Schema: courses_scheme; Owner:
postgres
--

CREATE INDEX "fki_fk_student_id" ON "courses_scheme"."current_students"
USING "btree" ("student_id");

```
--
-- TOC entry 3379 (class 2620 OID 16433)
-- Name: documents trg_check_date_issue; Type: TRIGGER; Schema:
courses_scheme; Owner: postgres
--

CREATE TRIGGER "trg_check_date_issue" BEFORE INSERT OR UPDATE
ON "courses_scheme"."documents" FOR EACH ROW EXECUTE
FUNCTION "courses_scheme"."check_date_issue_valid"();



--
-- TOC entry 3380 (class 2620 OID 16437)
-- Name: current_students trg_check_date_start_update; Type: TRIGGER;
Schema: courses_scheme; Owner: postgres
--

CREATE TRIGGER "trg_check_date_start_update" BEFORE UPDATE ON
"courses_scheme"."current_students" FOR EACH ROW EXECUTE
FUNCTION "courses_scheme"."check_start_date_valid"();



--
-- TOC entry 3607 (class 0 OID 0)
-- Dependencies: 3380
-- Name: TRIGGER "trg_check_date_start_update" ON "current_students";
Type: COMMENT; Schema: courses_scheme; Owner: postgres
--

COMMENT ON TRIGGER "trg_check_date_start_update" ON
"courses_scheme"."current_students" IS 'проверка даты начала обучения';



--
-- TOC entry 3365 (class 2606 OID 16574)
```

-- Name: rooms fk_branch_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."rooms"
    ADD CONSTRAINT "fk_branch_id" FOREIGN KEY ("branch_id")
REFERENCES "courses_scheme"."branches"("branch_id") NOT VALID;

--
-- TOC entry 3370 (class 2606 OID 16663)
-- Name: class_changes fk_class_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."class_changes"
    ADD CONSTRAINT "fk_class_id" FOREIGN KEY ("class_id")
REFERENCES "courses_scheme"."classes"("class_id");

--
-- TOC entry 3371 (class 2606 OID 16687)
-- Name: attendance fk_class_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."attendance"
    ADD CONSTRAINT "fk_class_id" FOREIGN KEY ("class_id")
REFERENCES "courses_scheme"."classes"("class_id") NOT VALID;

--
-- TOC entry 3372 (class 2606 OID 16692)
-- Name: attendance fk_curr_stud_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."attendance"
    ADD CONSTRAINT "fk_curr_stud_id" FOREIGN KEY ("curr_stud_id")
REFERENCES "courses_scheme"."current_students"("curr_stud_id") NOT
VALID;

--
-- TOC entry 3373 (class 2606 OID 16722)
-- Name: student_practice fk_curr_stud_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."student_practice"
    ADD CONSTRAINT "fk_curr_stud_id" FOREIGN KEY ("curr_stud_id")
REFERENCES "courses_scheme"."current_students"("curr_stud_id");

--
-- TOC entry 3375 (class 2606 OID 16765)
-- Name: certifications fk_curr_stud_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."certifications"
    ADD CONSTRAINT "fk_curr_stud_id" FOREIGN KEY ("curr_stud_id")
REFERENCES "courses_scheme"."current_students"("curr_stud_id");

--
-- TOC entry 3357 (class 2606 OID 24636)
-- Name: documents fk_curr_stud_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."documents"

ADD CONSTRAINT "fk_curr_stud_id" FOREIGN KEY ("curr_stud_id")
REFERENCES "courses_scheme"."current_students"("curr_stud_id") NOT
VALID;

--
-- TOC entry 3360 (class 2606 OID 16472)
-- Name: teacher_discipline fk_discipline_id; Type: FK CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teacher_discipline"
    ADD CONSTRAINT "fk_discipline_id" FOREIGN KEY ("discipline_id")
REFERENCES "courses_scheme"."disciplines"("discipline_id");

--
-- TOC entry 3366 (class 2606 OID 16641)
-- Name: classes fk_discipline_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."classes"
    ADD CONSTRAINT "fk_discipline_id" FOREIGN KEY ("discipline_id")
REFERENCES "courses_scheme"."disciplines"("discipline_id");

--
-- TOC entry 3376 (class 2606 OID 16750)
-- Name: certifications fk_discipline_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."certifications"
    ADD CONSTRAINT "fk_discipline_id" FOREIGN KEY ("discipline_id")
REFERENCES "courses_scheme"."disciplines"("discipline_id");

--

-- TOC entry 3362 (class 2606 OID 16522)

-- Name: program_discipline fk_discipline_id ; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres

--

ALTER TABLE ONLY "courses_scheme"."program_discipline"
    ADD CONSTRAINT "fk_discipline_id " FOREIGN KEY ("discipline_id") REFERENCES "courses_scheme"."disciplines"("discipline_id");

--

-- TOC entry 3358 (class 2606 OID 16540)

-- Name: current_students fk_group_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres

--

ALTER TABLE ONLY "courses_scheme"."current_students"
    ADD CONSTRAINT "fk_group_id" FOREIGN KEY ("group_id") REFERENCES "courses_scheme"."groups"("group_id") NOT VALID;

--

-- TOC entry 3367 (class 2606 OID 16646)

-- Name: classes fk_group_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres

--

ALTER TABLE ONLY "courses_scheme"."classes"
    ADD CONSTRAINT "fk_group_id" FOREIGN KEY ("group_id") REFERENCES "courses_scheme"."groups"("group_id");

--

-- TOC entry 3374 (class 2606 OID 16717)

-- Name: student_practice fk_practice_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."student_practice"
    ADD CONSTRAINT "fk_practice_id" FOREIGN KEY ("practice_id") REFERENCES "courses_scheme"."practices"("practice_id");

--
-- TOC entry 3377 (class 2606 OID 16755)
-- Name: certifications fk_practice_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."certifications"
    ADD CONSTRAINT "fk_practice_id" FOREIGN KEY ("practice_id") REFERENCES "courses_scheme"."practices"("practice_id");

--
-- TOC entry 3363 (class 2606 OID 16517)
-- Name: program_discipline fk_program_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."program_discipline"
    ADD CONSTRAINT "fk_program_id" FOREIGN KEY ("program_id") REFERENCES "courses_scheme"."programs"("program_id");

--
-- TOC entry 3364 (class 2606 OID 16535)
-- Name: groups fk_program_id; Type: FK CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

```
ALTER TABLE ONLY "courses_scheme"."groups"
    ADD CONSTRAINT "fk_program_id" FOREIGN KEY ("program_id")
REFERENCES "courses_scheme"."programs"("program_id");


--
-- TOC entry 3368 (class 2606 OID 16651)
-- Name: classes fk_room_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."classes"
    ADD CONSTRAINT "fk_room_id" FOREIGN KEY ("room_id")
REFERENCES "courses_scheme"."rooms"("room_id");


--
-- TOC entry 3359 (class 2606 OID 16438)
-- Name: current_students fk_student_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."current_students"
    ADD CONSTRAINT "fk_student_id" FOREIGN KEY ("student_id")
REFERENCES "courses_scheme"."students"("student_id") ON DELETE
CASCADE NOT VALID;


--
-- TOC entry 3361 (class 2606 OID 16467)
-- Name: teacher_discipline fk_teacher_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."teacher_discipline"
    ADD CONSTRAINT "fk_teacher_id" FOREIGN KEY ("teacher_id")
REFERENCES "courses_scheme"."teachers"("teacher_id");
```

```
--
-- TOC entry 3378 (class 2606 OID 16760)
-- Name: certifications fk_teacher_id; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."certifications"
    ADD CONSTRAINT "fk_teacher_id" FOREIGN KEY ("teacher_id")
REFERENCES "courses_scheme"."teachers"("teacher_id");


--
-- TOC entry 3369 (class 2606 OID 16636)
-- Name: classes fk_teacher_id ; Type: FK CONSTRAINT; Schema:
courses_scheme; Owner: postgres
--

ALTER TABLE ONLY "courses_scheme"."classes"
    ADD CONSTRAINT "fk_teacher_id " FOREIGN KEY ("teacher_id")
REFERENCES "courses_scheme"."teachers"("teacher_id");


-- Completed on 2025-05-14 04:17:48

--
-- PostgreSQL database dump complete
--
```

1.5 Восстановление БД

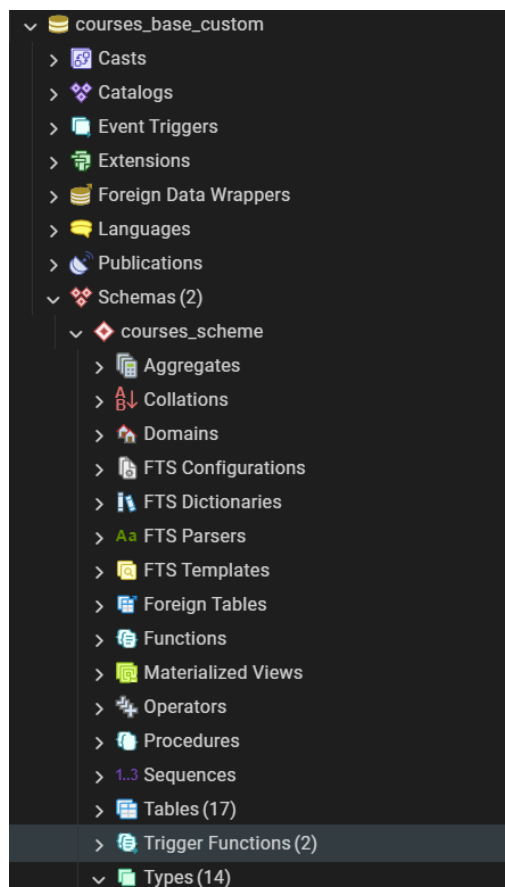С помощью файла резервной копии формата CUSTOM восстановили нашу БД (рисунок 3).

Рисунок 3 – Восстановленная база данных

ЗАКЛЮЧЕНИЕ

В ходе выполнения лабораторной работы была успешно достигнута цель – овладение практическими навыками создания таблиц базы данных PostgreSQL, их заполнения рабочими данными, а также резервного копирования и восстановления базы данных. Работа включала следующие ключевые этапы:

1) создание базы данных "Курсы" с использованием pgAdmin 4,

2) создание таблиц базы данных с соответствующими ограничениями, такими как Primary Key, Unique, Check и Foreign Key, что обеспечило целостность данных и их соответствие бизнес-правилам,

3) заполнение таблиц БД рабочими данными с использованием SQL-запросов, что позволило проверить корректность и полноту модели,

4) осуществление резервного копирования базы данных в двух различных форматах (CUSTOM и PLAIN) для различных типов восстановления, с настройкой параметров Dump options,

5) восстановление базы данных, что подтвердило корректность выполнения всех этапов работы и возможность восстановить данные из резервных копий.

Выводы: В результате выполнения лабораторной работы была приобретен опыт в создании и управлении базами данных в PostgreSQL. Я овладела важными аспектами работы с СУБД, включая создание базы данных, проектирование таблиц с ограничениями и их заполнение, а также работу с резервными копиями и восстановлением данных. Кроме того, я научилась эффективно использовать инструменты pgAdmin для управления базой данных и выполнения операций резервного копирования и восстановления.

Пройденный процесс моделирования данных и работы с реальными данными в контексте образовательной системы позволил развить навыки проектирования данных для реальных приложений и систем. Выполнение работы углубило знания в области работы с СУБД PostgreSQL и научило использовать различные методы защиты и восстановления данных, что является важным навыком для создания надежных и масштабируемых информационных систем.

СПИСОК ИСПОЛЬЗОВАННЫХ ИСТОЧНИКОВ

1.   Схема инфологической модели данных БД в нотации IDEF1X – URL: https://drive.google.com/file/d/1tNUL87277FrQDUDxs_zZCuZEJJd83r6S/view?usp=sharing .

2.   Схема логической модели базы данных, сгенерированная в Generate ERD – URL:

https://drive.google.com/file/d/1VgOtZzphInmDvkbinfkXhg52vFYwghQa/view?usp=sharing