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ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ АВТОНОМНОЕ ОБРАЗОВАТЕЛЬНОЕ
УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ
НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

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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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.

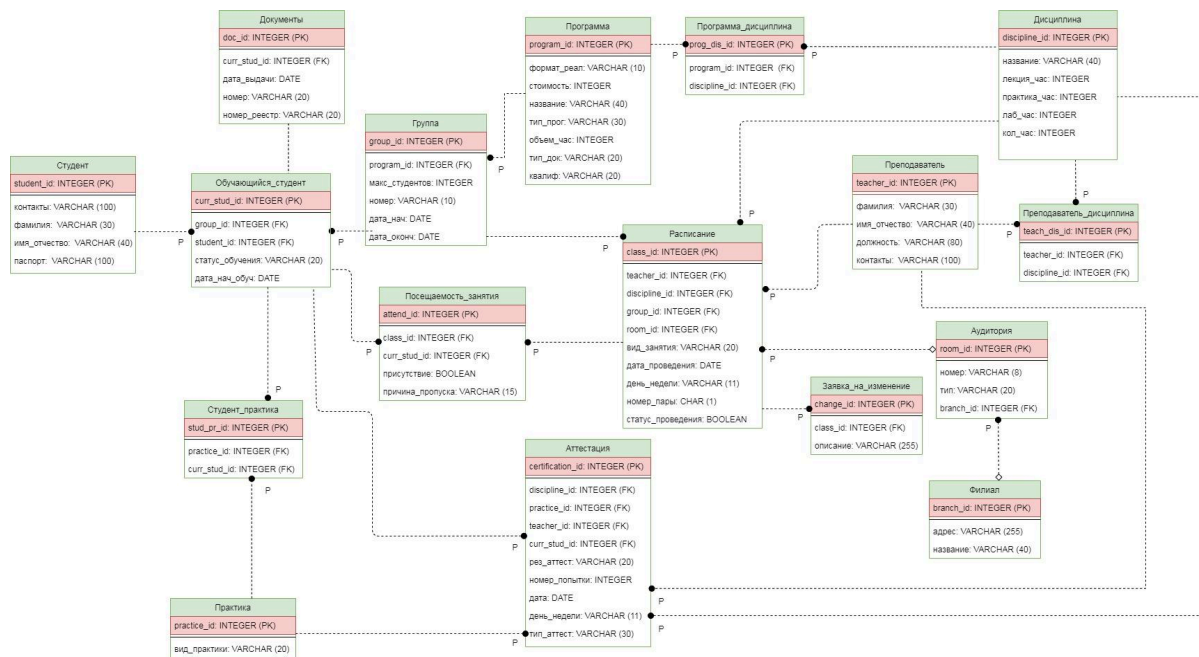
Основная задача системы — составление расписания, поддержка образовательных программ краткосрочных курсов, направленных на повышение квалификации и профессиональную переподготовку в области ИТ.

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).



1.3 Схема логической модели базы данных (Generate ERD)

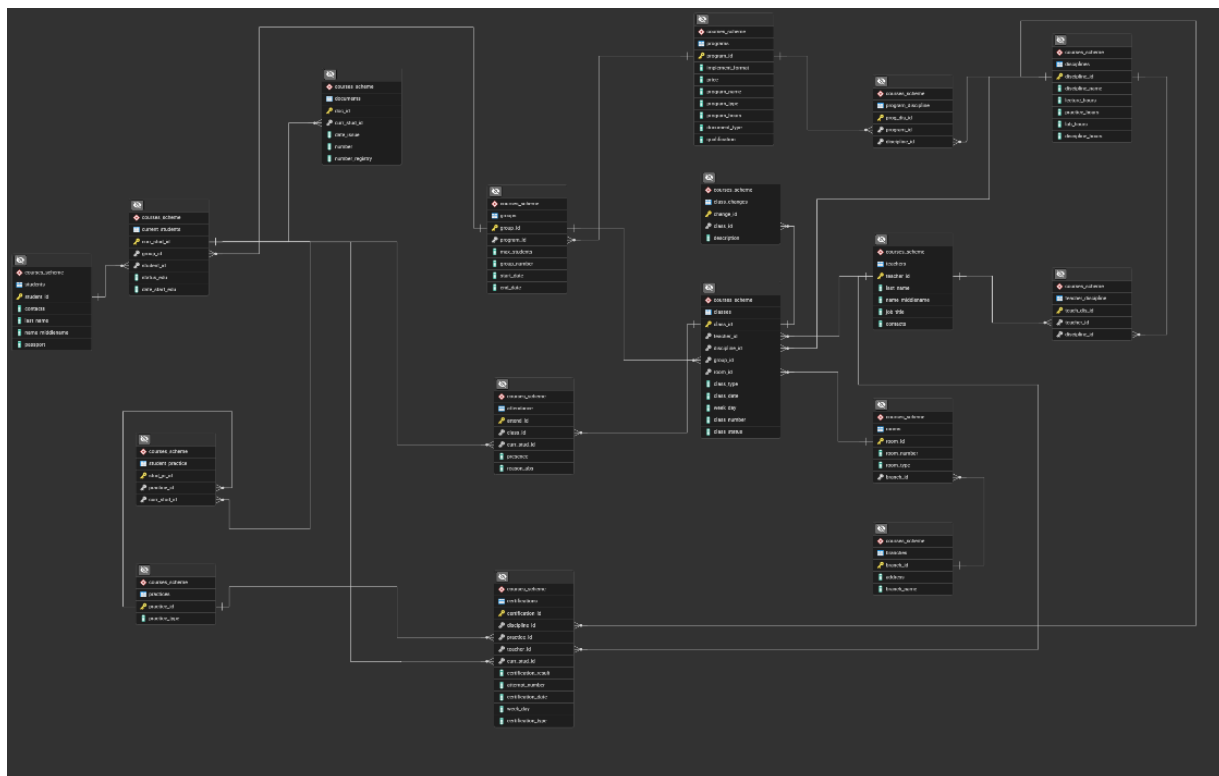


Рисунок 2 – Схема логической модели базы данных, сгенерированной в Generate ERD [2]

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 2025-05-15 16:01:30
```

```

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;

```

```

ALTER TABLE IF EXISTS ONLY courses_scheme.classes DROP
CONSTRAINT IF EXISTS "fk_teacher_id ";
ALTER TABLE IF EXISTS ONLY courses_scheme.certifications DROP
CONSTRAINT IF EXISTS fk_teacher_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.teacher_discipline DROP
CONSTRAINT IF EXISTS fk_teacher_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.current_students DROP
CONSTRAINT IF EXISTS fk_student_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.classes DROP
CONSTRAINT IF EXISTS fk_room_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.groups DROP
CONSTRAINT IF EXISTS fk_program_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.program_discipline DROP
CONSTRAINT IF EXISTS fk_program_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.certifications DROP
CONSTRAINT IF EXISTS fk_practice_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.student_practice DROP
CONSTRAINT IF EXISTS fk_practice_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.classes DROP
CONSTRAINT IF EXISTS fk_group_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.current_students DROP
CONSTRAINT IF EXISTS fk_group_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.program_discipline DROP
CONSTRAINT IF EXISTS "fk_discipline_id ";

```

```

ALTER TABLE IF EXISTS ONLY courses_scheme.certifications DROP
CONSTRAINT IF EXISTS fk_discipline_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.classes DROP
CONSTRAINT IF EXISTS fk_discipline_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.teacher_discipline DROP
CONSTRAINT IF EXISTS fk_discipline_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.documents DROP
CONSTRAINT IF EXISTS fk_curr_stud_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.certifications DROP
CONSTRAINT IF EXISTS fk_curr_stud_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.student_practice DROP
CONSTRAINT IF EXISTS fk_curr_stud_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.attendance DROP
CONSTRAINT IF EXISTS fk_curr_stud_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.attendance DROP
CONSTRAINT IF EXISTS fk_class_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.class_changes DROP
CONSTRAINT IF EXISTS fk_class_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.rooms DROP
CONSTRAINT IF EXISTS fk_branch_id;
DROP TRIGGER IF EXISTS trg_check_date_start_update ON
courses_scheme.current_students;
DROP TRIGGER IF EXISTS trg_check_date_issue ON
courses_scheme.documents;
DROP INDEX IF EXISTS courses_scheme.fki_fk_student_id;
ALTER TABLE IF EXISTS ONLY courses_scheme.teachers DROP
CONSTRAINT IF EXISTS teachers_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.teacher_discipline DROP
CONSTRAINT IF EXISTS teacher_discipline_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.students DROP
CONSTRAINT IF EXISTS students_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.student_practice DROP
CONSTRAINT IF EXISTS student_practice_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.rooms DROP
CONSTRAINT IF EXISTS rooms_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.programs DROP
CONSTRAINT IF EXISTS programs_pkey;

```



```

ALTER TABLE IF EXISTS ONLY courses_scheme.program_discipline DROP
CONSTRAINT IF EXISTS program_discipline_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.practices DROP
CONSTRAINT IF EXISTS practices_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.groups DROP
CONSTRAINT IF EXISTS groups_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.documents DROP
CONSTRAINT IF EXISTS documents_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.disciplines DROP
CONSTRAINT IF EXISTS disciplines_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.current_students DROP
CONSTRAINT IF EXISTS current_students_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.classes DROP
CONSTRAINT IF EXISTS classes_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.class_changes DROP
CONSTRAINT IF EXISTS class_changes_pkey;
ALTER TABLE IF EXISTS courses_scheme.rooms DROP CONSTRAINT IF
EXISTS check_room_number_valid;
ALTER TABLE IF EXISTS courses_scheme.disciplines DROP CONSTRAINT
IF EXISTS check_each_hours_positive;
ALTER TABLE IF EXISTS courses_scheme.branches DROP CONSTRAINT
IF EXISTS check_address_valid;
ALTER TABLE IF EXISTS ONLY courses_scheme.certifications DROP
CONSTRAINT IF EXISTS certifications_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.branches DROP
CONSTRAINT IF EXISTS branches_pkey;
ALTER TABLE IF EXISTS ONLY courses_scheme.attendance DROP
CONSTRAINT IF EXISTS attendance_pkey;
ALTER TABLE IF EXISTS courses_scheme.teachers ALTER COLUMN
teacher_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.teacher_discipline ALTER
COLUMN teach_dis_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.students ALTER COLUMN
student_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.student_practice ALTER
COLUMN stud_pr_id DROP DEFAULT;

```

```

ALTER TABLE IF EXISTS courses_scheme.rooms ALTER COLUMN
room_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.programs ALTER COLUMN
program_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.program_discipline ALTER
COLUMN prog_dis_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.practices ALTER COLUMN
practice_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.groups ALTER COLUMN
group_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.documents ALTER COLUMN
doc_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.disciplines ALTER COLUMN
discipline_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.current_students ALTER
COLUMN curr_stud_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.classes ALTER COLUMN
class_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.class_changes ALTER COLUMN
change_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.certifications ALTER COLUMN
certification_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.branches ALTER COLUMN
branch_id DROP DEFAULT;
ALTER TABLE IF EXISTS courses_scheme.attendance ALTER COLUMN
attend_id DROP DEFAULT;
DROP SEQUENCE IF EXISTS courses_scheme.teachers_teacher_id_seq;
DROP TABLE IF EXISTS courses_scheme.teachers;
DROP SEQUENCE IF EXISTS
courses_scheme.teacher_discipline_teach_dis_id_seq;
DROP TABLE IF EXISTS courses_scheme.teacher_discipline;
DROP SEQUENCE IF EXISTS courses_scheme.students_student_id_seq;
DROP TABLE IF EXISTS courses_scheme.students;
DROP SEQUENCE IF EXISTS
courses_scheme.student_practice_stud_pr_id_seq;
DROP TABLE IF EXISTS courses_scheme.student_practice;
DROP SEQUENCE IF EXISTS courses_scheme.rooms_room_id_seq;

```

```

DROP TABLE IF EXISTS courses_scheme.rooms;
DROP SEQUENCE IF EXISTS courses_scheme.programs_program_id_seq;
DROP TABLE IF EXISTS courses_scheme.programs;
DROP SEQUENCE IF EXISTS
courses_scheme."program_discipline_prog_dis_id_seq";
DROP TABLE IF EXISTS courses_scheme.program_discipline;
DROP SEQUENCE IF EXISTS courses_scheme.practices_practice_id_seq;
DROP TABLE IF EXISTS courses_scheme.practices;
DROP SEQUENCE IF EXISTS courses_scheme.groups_group_id_seq;
DROP TABLE IF EXISTS courses_scheme.groups;
DROP SEQUENCE IF EXISTS courses_scheme.documents_doc_id_seq;
DROP TABLE IF EXISTS courses_scheme.documents;
DROP SEQUENCE IF EXISTS courses_scheme.disciplines_discipline_id_seq;
DROP TABLE IF EXISTS courses_scheme.disciplines;
DROP SEQUENCE IF EXISTS
courses_scheme."current_students_curr_stud_id_seq";
DROP TABLE IF EXISTS courses_scheme.current_students;
DROP SEQUENCE IF EXISTS courses_scheme.classes_class_id_seq;
DROP TABLE IF EXISTS courses_scheme.classes;
DROP SEQUENCE IF EXISTS
courses_scheme.class_changes_change_id_seq;
DROP TABLE IF EXISTS courses_scheme.class_changes;
DROP SEQUENCE IF EXISTS
courses_scheme.certifications_certification_id_seq;
DROP TABLE IF EXISTS courses_scheme.certifications;
DROP SEQUENCE IF EXISTS courses_scheme.branches_branch_id_seq;
DROP TABLE IF EXISTS courses_scheme.branches;
DROP SEQUENCE IF EXISTS courses_scheme.attendance_attend_id_seq;
DROP TABLE IF EXISTS courses_scheme.attendance;
DROP FUNCTION IF EXISTS courses_scheme.check_start_date_valid();
DROP FUNCTION IF EXISTS courses_scheme.check_date_issue_valid();
DROP TYPE IF EXISTS courses_scheme.week_day_type;
DROP TYPE IF EXISTS courses_scheme.status_type;
DROP TYPE IF EXISTS courses_scheme.room_type;
DROP TYPE IF EXISTS courses_scheme.reason_abs_type;
DROP TYPE IF EXISTS courses_scheme.program_type;
DROP TYPE IF EXISTS courses_scheme.presence_type;

```

```

DROP TYPE IF EXISTS courses_scheme.practice_type;
DROP TYPE IF EXISTS courses_scheme.implementation_format_type;
DROP TYPE IF EXISTS courses_scheme.document_type;
DROP TYPE IF EXISTS courses_scheme.class_type;
DROP TYPE IF EXISTS courses_scheme.class_status_type;
DROP TYPE IF EXISTS courses_scheme.class_number;
DROP TYPE IF EXISTS courses_scheme.certification_type;
DROP TYPE IF EXISTS courses_scheme.attempt_number;
DROP SCHEMA IF EXISTS courses_scheme;

--
-- TOC entry 6 (class 2615 OID 16622)
-- Name: courses_scheme; Type: SCHEMA; Schema: -; Owner: postgres
--

CREATE SCHEMA courses_scheme;


ALTER SCHEMA courses_scheme OWNER TO postgres;


--
-- TOC entry 873 (class 1247 OID 16624)
-- 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: 873

```

```
-- Name: TYPE attempt_number; Type: COMMENT; Schema: courses_scheme;  
Owner: postgres
```

```
--
```

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

```
--
```

```
-- TOC entry 876 (class 1247 OID 16632)
```

```
-- 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: 876
```

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

```
--
```

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

```
--
```

```
-- TOC entry 879 (class 1247 OID 16640)
```

```
-- 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 882 (class 1247 OID 16660)  
-- 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: 882  
-- 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 885 (class 1247 OID 16666)  
-- Name: class_type; Type: TYPE; Schema: courses_scheme; Owner: postgres  
--
```

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

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

```
--  
-- TOC entry 888 (class 1247 OID 16674)  
-- 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 891 (class 1247 OID 16682)  
-- 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: 891  
-- 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 894 (class 1247 OID 16690)  
-- 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 897 (class 1247 OID 16696)  
-- 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 900 (class 1247 OID 16702)  
-- 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 903 (class 1247 OID 16712)  
-- 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: 903  
-- 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 906 (class 1247 OID 16718)  
-- Name: room_type; Type: TYPE; Schema: courses_scheme; Owner: postgres  
--
```

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

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

```
--  
-- TOC entry 909 (class 1247 OID 16726)  
-- 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 912 (class 1247 OID 16736)  
-- 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 249 (class 1255 OID 16751)  
-- 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 250 (class 1255 OID 16752)
-- 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 215 (class 1259 OID 16753)
-- 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 216 (class 1259 OID 16756)  
-- 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: 216  
-- 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 217 (class 1259 OID 16757)  
-- 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
);
```

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

```
--
-- TOC entry 218 (class 1259 OID 16761)
-- Name: branches_branch_id_seq; Type: SEQUENCE; Schema:
courses_scheme; Owner: 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;
```

```
--
-- TOC entry 3569 (class 0 OID 0)
-- Dependencies: 218
-- Name: branches_branch_id_seq; Type: SEQUENCE OWNED BY; Schema:
courses_scheme; Owner: postgres
--
```

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

```
--
-- TOC entry 219 (class 1259 OID 16762)
```

```
-- Name: certifications; Type: TABLE; Schema: courses_scheme; Owner:
postgres
--
```

```
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 220 (class 1259 OID 16765)
-- 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: 220  
-- 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 221 (class 1259 OID 16766)  
-- 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 222 (class 1259 OID 16769)  
-- 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: 222
-- 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 223 (class 1259 OID 16770)
-- 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 224 (class 1259 OID 16773)
-- 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: 224
-- 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 225 (class 1259 OID 16774)
-- 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: 225  
-- Name: TABLE current_students; Type: COMMENT; Schema:  
courses_scheme; Owner: postgres  
--
```

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

```
--  
-- TOC entry 226 (class 1259 OID 16777)  
-- 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: 226  
-- 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 227 (class 1259 OID 16778)  
-- 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 228 (class 1259 OID 16781)  
-- 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: 228
-- 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 229 (class 1259 OID 16782)
-- 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 230 (class 1259 OID 16785)  
-- 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: 230  
-- 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 231 (class 1259 OID 16786)  
-- 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 232 (class 1259 OID 16790)
-- 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: 232
-- 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 233 (class 1259 OID 16791)  
-- 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 234 (class 1259 OID 16794)  
-- 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: 234
```

```
-- 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 235 (class 1259 OID 16795)
-- 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 236 (class 1259 OID 16798)
-- 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: 236  
-- 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 237 (class 1259 OID 16799)  
-- 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 238 (class 1259 OID 16802)
```

```
-- 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: 238
-- 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 239 (class 1259 OID 16803)
-- 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
```

);

ALTER TABLE courses_scheme.rooms OWNER TO postgres;

--

-- TOC entry 240 (class 1259 OID 16806)

-- 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: 240

-- 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 241 (class 1259 OID 16807)

-- 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 242 (class 1259 OID 16810)  
-- 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: 242  
-- 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 243 (class 1259 OID 16811)
-- 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: 243
-- 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: 243
-- 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 244 (class 1259 OID 16816)
-- 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: 244
-- 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 245 (class 1259 OID 16817)  
-- 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 246 (class 1259 OID 16820)  
-- 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: 246
```

```
-- 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 247 (class 1259 OID 16821)
```

```
-- 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: 247
```

```
-- 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: 247  
-- 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 248 (class 1259 OID 16826)  
-- 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: 248  
-- 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 3298 (class 2604 OID 16827)
-- 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 3299 (class 2604 OID 16828)
-- 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 3300 (class 2604 OID 16829)
-- 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 3301 (class 2604 OID 16830)  
-- 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 3302 (class 2604 OID 16831)  
-- 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 3303 (class 2604 OID 16832)  
-- 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 3304 (class 2604 OID 16833)  
-- 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 3305 (class 2604 OID 16834)
-- 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 16835)
-- 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 3307 (class 2604 OID 16836)
-- 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 3308 (class 2604 OID 16837)
-- 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 3309 (class 2604 OID 16838)
-- 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 3310 (class 2604 OID 16839)
-- 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 3311 (class 2604 OID 16840)
-- 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 3312 (class 2604 OID 16841)
-- 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 3313 (class 2604 OID 16842)
-- 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 3314 (class 2604 OID 16843)
-- 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 3524 (class 0 OID 16753)  
-- Dependencies: 215  
-- 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);
INSERT INTO courses_scheme.attendance VALUES (223, 21, 40, 'Yes',
NULL);
INSERT INTO courses_scheme.attendance VALUES (224, 22, 40, 'Yes',
NULL);
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);
INSERT INTO courses_scheme.attendance VALUES (236, 23, 62, 'Yes',
NULL);
INSERT INTO courses_scheme.attendance VALUES (237, 13, 73, 'Yes',
NULL);
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);

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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);
INSERT INTO courses_scheme.attendance VALUES (259, 13, 95, 'Yes',
NULL);
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);

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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);

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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);

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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);

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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);

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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 3526 (class 0 OID 16757)
-- Dependencies: 217
-- 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 3528 (class 0 OID 16762)
-- Dependencies: 219
-- Data for Name: certifications; Type: TABLE DATA; Schema:
courses_scheme; Owner: postgres
--

```

```

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');

```

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--
-- TOC entry 3530 (class 0 OID 16766)
-- Dependencies: 221
-- 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 3532 (class 0 OID 16770)

```

```

-- Dependencies: 223
-- 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');
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');
INSERT INTO courses_scheme.classes VALUES (24, 3, 6, 2, 1, 'лекционное',
'2025-03-31', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (25, 5, 9, 2, 2,
'практическое', '2025-03-31', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (26, 9, 18, 2, 3,
'практическое', '2025-03-31', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (27, 12, 24, 2, 1,
'лекционное', '2025-04-01', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (28, 19, 34, 2, 2,
'лабораторное', '2025-04-01', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (29, 22, 37, 2, 3,
'лекционное', '2025-04-01', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (30, 5, 9, 2, 1, 'лекционное',
'2025-04-02', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (31, 3, 6, 2, 2,
'практическое', '2025-04-02', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (32, 9, 18, 2, 1, 'лекционное',
'2025-04-03', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (33, 9, 18, 2, 1,
'практическое', '2025-04-03', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (34, 19, 34, 2, 3,
'лекционное', '2025-04-03', 'четверг', '3', 'No');

```

```

INSERT INTO courses_scheme.classes VALUES (35, 22, 37, 2, 2,
'практическое', '2025-04-04', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (36, 3, 6, 2, 1, 'лекционное',
'2025-04-07', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (37, 5, 9, 2, 2,
'практическое', '2025-04-07', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (38, 9, 18, 2, 3,
'практическое', '2025-04-07', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (39, 12, 24, 2, 1,
'лекционное', '2025-04-08', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (40, 19, 34, 2, 2,
'лабораторное', '2025-04-08', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (41, 22, 37, 2, 3,
'лекционное', '2025-04-08', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (42, 5, 9, 2, 1, 'лекционное',
'2025-04-09', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (43, 3, 6, 2, 2,
'практическое', '2025-04-09', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (44, 9, 18, 2, 1, 'лекционное',
'2025-04-10', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (45, 9, 18, 2, 1,
'практическое', '2025-04-10', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (46, 19, 34, 2, 3,
'лекционное', '2025-04-10', 'четверг', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (47, 22, 37, 2, 2,
'практическое', '2025-04-11', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (48, 3, 6, 2, 1, 'лекционное',
'2025-04-14', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (49, 5, 9, 2, 2,
'практическое', '2025-04-14', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (50, 9, 18, 2, 3,
'практическое', '2025-04-14', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (51, 12, 24, 2, 1,
'лекционное', '2025-04-15', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (52, 19, 34, 2, 2,
'лабораторное', '2025-04-15', 'вторник', '2', 'Yes');

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INSERT INTO courses_scheme.classes VALUES (53, 22, 37, 2, 3,
'лекционное', '2025-04-15', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (54, 5, 9, 2, 1, 'лекционное',
'2025-04-16', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (55, 3, 6, 2, 2,
'практическое', '2025-04-16', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (56, 9, 18, 2, 1, 'лекционное',
'2025-04-17', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (57, 9, 18, 2, 1,
'практическое', '2025-04-17', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (58, 19, 34, 2, 3,
'лекционное', '2025-04-17', 'четверг', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (59, 22, 37, 2, 2,
'практическое', '2025-04-18', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (60, 3, 6, 2, 1, 'лекционное',
'2025-04-21', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (61, 5, 9, 2, 2,
'практическое', '2025-04-21', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (62, 9, 18, 2, 3,
'практическое', '2025-04-21', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (63, 12, 24, 2, 1,
'лекционное', '2025-04-22', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (64, 19, 34, 2, 2,
'лабораторное', '2025-04-22', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (65, 22, 37, 2, 3,
'лекционное', '2025-04-22', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (66, 5, 9, 2, 1, 'лекционное',
'2025-04-23', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (67, 3, 6, 2, 2,
'практическое', '2025-04-23', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (68, 9, 18, 2, 1, 'лекционное',
'2025-04-24', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (69, 9, 18, 2, 1,
'практическое', '2025-04-24', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (70, 19, 34, 2, 3,
'лекционное', '2025-04-24', 'четверг', '3', 'No');

```



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INSERT INTO courses_scheme.classes VALUES (71, 22, 37, 2, 2,
'практическое', '2025-04-25', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (72, 3, 6, 2, 1, 'лекционное',
'2025-04-28', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (73, 5, 9, 2, 2,
'практическое', '2025-04-28', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (74, 9, 18, 2, 3,
'практическое', '2025-04-28', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (75, 12, 24, 2, 1,
'лекционное', '2025-04-29', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (76, 19, 34, 2, 2,
'лабораторное', '2025-04-29', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (77, 22, 37, 2, 3,
'лекционное', '2025-04-29', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (78, 5, 9, 2, 1, 'лекционное',
'2025-04-30', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (79, 3, 6, 2, 2,
'практическое', '2025-04-30', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (80, 22, 37, 2, 2,
'практическое', '2025-05-02', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (81, 3, 6, 2, 1, 'лекционное',
'2025-05-05', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (82, 5, 9, 2, 2,
'практическое', '2025-05-05', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (83, 9, 18, 2, 3,
'практическое', '2025-05-05', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (84, 12, 24, 2, 1,
'лекционное', '2025-05-06', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (85, 19, 34, 2, 2,
'лабораторное', '2025-05-06', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (86, 22, 37, 2, 3,
'лекционное', '2025-05-06', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (87, 5, 9, 2, 1, 'лекционное',
'2025-05-07', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (88, 3, 6, 2, 2,
'практическое', '2025-05-07', 'среда', '2', 'Yes');

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INSERT INTO courses_scheme.classes VALUES (89, 9, 18, 2, 1, 'лекционное',
'2025-05-08', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (90, 9, 18, 2, 1,
'практическое', '2025-05-08', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (91, 19, 34, 2, 3,
'лекционное', '2025-05-08', 'четверг', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (92, 3, 6, 2, 1, 'лекционное',
'2025-05-12', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (93, 5, 9, 2, 2,
'практическое', '2025-05-12', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (94, 9, 18, 2, 3,
'практическое', '2025-05-12', 'понедельник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (95, 12, 24, 2, 1,
'лекционное', '2025-05-13', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (96, 19, 34, 2, 2,
'лабораторное', '2025-05-13', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (97, 22, 37, 2, 3,
'лекционное', '2025-05-13', 'вторник', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (98, 5, 9, 2, 1, 'лекционное',
'2025-05-14', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (99, 3, 6, 2, 2,
'практическое', '2025-05-14', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (100, 9, 18, 2, 1,
'лекционное', '2025-05-15', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (101, 9, 18, 2, 1,
'практическое', '2025-05-15', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (102, 19, 34, 2, 3,
'лекционное', '2025-05-15', 'четверг', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (103, 22, 37, 2, 2,
'практическое', '2025-05-16', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (104, 8, 15, 7, 22,
'лекционное', '2025-03-31', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (105, 29, 44, 7, 21,
'практическое', '2025-03-31', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (106, 2, 4, 7, 22,
'лекционное', '2025-03-31', 'понедельник', '3', 'No');

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INSERT INTO courses_scheme.classes VALUES (107, 7, 13, 7, 22,
'лекционное', '2025-04-01', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (108, 10, 20, 7, 23,
'лабораторное', '2025-04-01', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (109, 18, 33, 7, 22,
'лекционное', '2025-04-02', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (110, 27, 42, 7, 21,
'практическое', '2025-04-02', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (111, 24, 39, 7, 22,
'лекционное', '2025-04-03', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (112, 8, 15, 7, 21,
'практическое', '2025-04-03', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (113, 29, 44, 7, 23,
'практическое', '2025-04-03', 'четверг', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (114, 2, 4, 7, 21,
'практическое', '2025-04-04', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (115, 8, 15, 7, 22,
'лекционное', '2025-04-07', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (116, 29, 44, 7, 21,
'практическое', '2025-04-07', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (117, 2, 4, 7, 22,
'лекционное', '2025-04-07', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (118, 7, 13, 7, 22,
'лекционное', '2025-04-08', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (119, 10, 20, 7, 23,
'лабораторное', '2025-04-08', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (120, 18, 33, 7, 22,
'лекционное', '2025-04-09', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (121, 27, 42, 7, 21,
'практическое', '2025-04-09', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (122, 24, 39, 7, 22,
'лекционное', '2025-04-10', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (123, 8, 15, 7, 21,
'практическое', '2025-04-10', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (124, 29, 44, 7, 23,
'практическое', '2025-04-10', 'четверг', '3', 'Yes');

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INSERT INTO courses_scheme.classes VALUES (125, 2, 4, 7, 21,
'практическое', '2025-04-11', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (126, 8, 15, 7, 22,
'лекционное', '2025-04-14', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (127, 29, 44, 7, 21,
'практическое', '2025-04-14', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (128, 2, 4, 7, 22,
'лекционное', '2025-04-14', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (129, 7, 13, 7, 22,
'лекционное', '2025-04-15', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (130, 10, 20, 7, 23,
'лабораторное', '2025-04-15', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (131, 18, 33, 7, 22,
'лекционное', '2025-04-16', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (132, 27, 42, 7, 21,
'практическое', '2025-04-16', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (133, 24, 39, 7, 22,
'лекционное', '2025-04-17', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (134, 8, 15, 7, 21,
'практическое', '2025-04-17', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (135, 29, 44, 7, 23,
'практическое', '2025-04-17', 'четверг', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (136, 2, 4, 7, 21,
'практическое', '2025-04-18', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (137, 8, 15, 7, 22,
'лекционное', '2025-04-21', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (138, 29, 44, 7, 21,
'практическое', '2025-04-21', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (139, 2, 4, 7, 22,
'лекционное', '2025-04-21', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (140, 7, 13, 7, 22,
'лекционное', '2025-04-22', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (141, 10, 20, 7, 23,
'лабораторное', '2025-04-22', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (142, 18, 33, 7, 22,
'лекционное', '2025-04-23', 'среда', '1', 'Yes');

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INSERT INTO courses_scheme.classes VALUES (143, 27, 42, 7, 21,
'практическое', '2025-04-23', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (144, 24, 39, 7, 22,
'лекционное', '2025-04-24', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (145, 8, 15, 7, 21,
'практическое', '2025-04-24', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (146, 29, 44, 7, 23,
'практическое', '2025-04-24', 'четверг', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (147, 2, 4, 7, 21,
'практическое', '2025-04-25', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (148, 8, 15, 7, 22,
'лекционное', '2025-04-28', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (149, 29, 44, 7, 21,
'практическое', '2025-04-28', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (150, 2, 4, 7, 22,
'лекционное', '2025-04-28', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (151, 7, 13, 7, 22,
'лекционное', '2025-04-29', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (152, 10, 20, 7, 23,
'лабораторное', '2025-04-29', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (153, 18, 33, 7, 22,
'лекционное', '2025-04-30', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (154, 27, 42, 7, 21,
'практическое', '2025-04-30', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (155, 2, 4, 7, 21,
'практическое', '2025-05-02', 'пятница', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (156, 8, 15, 7, 22,
'лекционное', '2025-05-05', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (157, 29, 44, 7, 21,
'практическое', '2025-05-05', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (158, 2, 4, 7, 22,
'лекционное', '2025-05-05', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (159, 7, 13, 7, 22,
'лекционное', '2025-05-06', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (160, 10, 20, 7, 23,
'лабораторное', '2025-05-06', 'вторник', '2', 'Yes');

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INSERT INTO courses_scheme.classes VALUES (161, 18, 33, 7, 22,
'лекционное', '2025-05-07', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (162, 27, 42, 7, 21,
'практическое', '2025-05-07', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (163, 24, 39, 7, 22,
'лекционное', '2025-05-08', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (164, 8, 15, 7, 21,
'практическое', '2025-05-08', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (165, 29, 44, 7, 23,
'практическое', '2025-05-08', 'четверг', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (166, 8, 15, 7, 22,
'лекционное', '2025-05-12', 'понедельник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (167, 29, 44, 7, 21,
'практическое', '2025-05-12', 'понедельник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (168, 2, 4, 7, 22,
'лекционное', '2025-05-12', 'понедельник', '3', 'No');
INSERT INTO courses_scheme.classes VALUES (169, 7, 13, 7, 22,
'лекционное', '2025-05-13', 'вторник', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (170, 10, 20, 7, 23,
'лабораторное', '2025-05-13', 'вторник', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (171, 18, 33, 7, 22,
'лекционное', '2025-05-14', 'среда', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (172, 27, 42, 7, 21,
'практическое', '2025-05-14', 'среда', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (173, 24, 39, 7, 22,
'лекционное', '2025-05-15', 'четверг', '1', 'Yes');
INSERT INTO courses_scheme.classes VALUES (174, 8, 15, 7, 21,
'практическое', '2025-05-15', 'четверг', '2', 'Yes');
INSERT INTO courses_scheme.classes VALUES (175, 29, 44, 7, 23,
'практическое', '2025-05-15', 'четверг', '3', 'Yes');
INSERT INTO courses_scheme.classes VALUES (176, 2, 4, 7, 21,
'практическое', '2025-05-16', 'пятница', '1', 'Yes');

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-- TOC entry 3534 (class 0 OID 16774)

-- Dependencies: 225

-- 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');
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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');

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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');

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```

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,
'студент', '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');
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 3536 (class 0 OID 16778)
-- Dependencies: 227
-- 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 3538 (class 0 OID 16782)
-- Dependencies: 229
-- 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 16786)
-- Dependencies: 231
-- 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');
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 3542 (class 0 OID 16791)
-- Dependencies: 233
-- 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 3544 (class 0 OID 16795)
-- Dependencies: 235

```

-- 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);
```

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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);

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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);

```

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--
-- TOC entry 3546 (class 0 OID 16799)
-- Dependencies: 237
-- 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');

```

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--
-- TOC entry 3548 (class 0 OID 16803)
-- Dependencies: 239
-- 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 (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 (22, '122', 'лекционная', 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);
INSERT INTO courses_scheme.rooms VALUES (2, '112', 'компьютерная', 1);
INSERT INTO courses_scheme.rooms VALUES (3, '113', 'компьютерная', 1);
INSERT INTO courses_scheme.rooms VALUES (21, '121', 'компьютерная', 2);
INSERT INTO courses_scheme.rooms VALUES (23, '123', 'компьютерная', 2);
INSERT INTO courses_scheme.rooms VALUES (24, '124', 'компьютерная', 2);

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--
-- TOC entry 3550 (class 0 OID 16807)
-- Dependencies: 241
-- Data for Name: student_practice; Type: TABLE DATA; Schema:
courses_scheme; Owner: postgres
--

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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);

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--  
-- TOC entry 3552 (class 0 OID 16811)  
-- Dependencies: 243  
-- Data for Name: students; Type: TABLE DATA; Schema: courses_scheme;  
Owner: postgres  
--
```

```
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');
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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',
'Тусева', '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');

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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');

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INSERT INTO courses_scheme.students VALUES (201, '+7-979-446-8061',
'Mакарова', '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', 'Тригорий 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');

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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');

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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',
'Толубев', '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');

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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');

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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');

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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',
'Зими́на', 'Софья Васильевна', '3321 693081');
INSERT INTO courses_scheme.students VALUES (298, '+7-965-273-1305',
'Короле́в', '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');

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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');

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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');

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--
-- TOC entry 3554 (class 0 OID 16817)
-- Dependencies: 245
-- 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);

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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 3556 (class 0 OID 16821)
-- Dependencies: 247
-- 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');

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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');

```



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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');
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
Анатолевна', '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: 216
-- 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: 218
-- 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: 220
-- 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: 222
-- 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: 224
-- Name: classes_class_id_seq; Type: SEQUENCE SET; Schema:
courses_scheme; Owner: postgres
--

```

```
SELECT pg_catalog.setval('courses_scheme.classes_class_id_seq', 176, true);
```

```
--
```

```
-- TOC entry 3595 (class 0 OID 0)
```

```
-- Dependencies: 226
```

```
-- 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: 228
```

```
-- 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: 230
```

```
-- 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: 232
-- 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: 234
-- 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: 236
-- 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: 238
-- 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: 240
-- 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: 242
-- 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: 244
-- 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: 246
-- 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: 248
-- 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 3324 (class 2606 OID 16845)
-- 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 3326 (class 2606 OID 16847)
-- 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 3328 (class 2606 OID 16849)
-- 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 3315 (class 2606 OID 16995)
-- Name: branches check_address_valid; Type: CHECK CONSTRAINT;
Schema: courses_scheme; Owner: postgres
--

ALTER TABLE courses_scheme.branches
    ADD CONSTRAINT check_address_valid CHECK (((address)::text ~
'^[A-Яa-яЁё0-9\s,.\-/\]]+$'::text)) NOT VALID;

--
-- TOC entry 3316 (class 2606 OID 16994)
-- Name: disciplines check_each_hours_positive; Type: CHECK
CONSTRAINT; Schema: courses_scheme; Owner: postgres
--

ALTER TABLE courses_scheme.disciplines
    ADD CONSTRAINT check_each_hours_positive CHECK (((lecture_hours >
0) AND (practice_hours > 0) AND (lab_hours > 0) AND (discipline_hours >
0))) NOT VALID;

```

```
--  
-- TOC entry 3318 (class 2606 OID 16850)  
-- 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 3330 (class 2606 OID 16852)  
-- 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 3332 (class 2606 OID 16854)  
-- 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 3334 (class 2606 OID 16856)  
-- 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 3337 (class 2606 OID 16858)
-- 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 3339 (class 2606 OID 16860)
-- 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 3341 (class 2606 OID 16862)
-- 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 3343 (class 2606 OID 16864)

-- 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 3345 (class 2606 OID 16866)

-- 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 3347 (class 2606 OID 16868)

-- 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 3349 (class 2606 OID 16870)

-- 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 3351 (class 2606 OID 16872)
-- 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 3353 (class 2606 OID 16874)
-- 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 3355 (class 2606 OID 16876)
-- 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 3357 (class 2606 OID 16878)

```

-- 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 3335 (class 1259 OID 16879)

-- 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 3381 (class 2620 OID 16880)

-- 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 16881)

-- 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 3375 (class 2606 OID 16882)
-- 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 3364 (class 2606 OID 16887)
-- 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 3358 (class 2606 OID 16892)  
-- 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 3359 (class 2606 OID 16897)  
-- 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 3376 (class 2606 OID 16902)  
-- 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 3360 (class 2606 OID 16907)
```

```
-- 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 3371 (class 2606 OID 16912)
-- 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 3378 (class 2606 OID 16917)
-- 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 3365 (class 2606 OID 16922)
-- 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 3361 (class 2606 OID 16927)
-- 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 3373 (class 2606 OID 16932)
-- 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 3369 (class 2606 OID 16937)
-- 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 3366 (class 2606 OID 16942)  
-- 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 3377 (class 2606 OID 16947)  
-- 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 3362 (class 2606 OID 16952)  
-- 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 3374 (class 2606 OID 16957)
```

-- 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 3372 (class 2606 OID 16962)
-- 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 3367 (class 2606 OID 16967)
-- 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 3370 (class 2606 OID 16972)
-- 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 3379 (class 2606 OID 16977)
-- 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 3363 (class 2606 OID 16982)
-- 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 3368 (class 2606 OID 16987)
-- 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 2025-05-15 16:01:30

--

-- PostgreSQL database dump complete

--

1.5 Восстановление БД

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

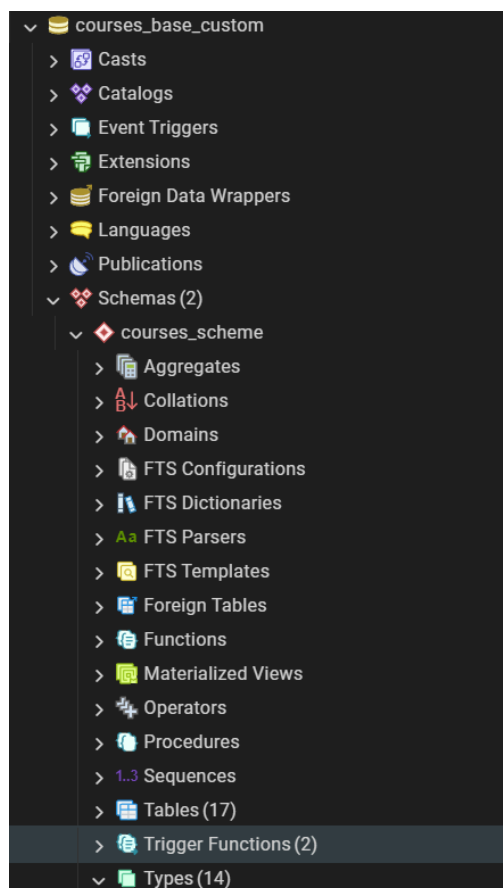


Рисунок 3 – Восстановленная база данных

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/1VgOtZzphInmDvkbinkXhg52vFYwghQa/view?usp=sharing>