ASSIGNMENT 1

CREATE DATABASE l7tutorial;

USE l7tutorial;

CREATE TABLE advisors (

advisor\_id INT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

specialization VARCHAR(100) NOT NULL

);

CREATE TABLE students (

student\_id INT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

dob DATE NOT NULL,

advisor\_id INT,

FOREIGN KEY (advisor\_id) REFERENCES advisors(advisor\_id)

);

CREATE TABLE courses (

course\_code VARCHAR(20) PRIMARY KEY,

title VARCHAR(100) NOT NULL,

description TEXT,

instructor VARCHAR(100) NOT NULL

);

CREATE TABLE enrollments (

student\_id INT,

course\_code VARCHAR(20),

PRIMARY KEY (student\_id, course\_code),

FOREIGN KEY (student\_id) REFERENCES students(student\_id),

FOREIGN KEY (course\_code) REFERENCES courses(course\_code)

);

A diagram of a program

AI-generated content may be incorrect.