Here are the codes for all the tables for this assignment.

**Code for department\_employee table:**

-- Table: public.department\_employee

-- DROP TABLE IF EXISTS public.department\_employee;

CREATE TABLE IF NOT EXISTS public.department\_employee

(

emp\_no character varying(200) COLLATE pg\_catalog."default" NOT NULL,

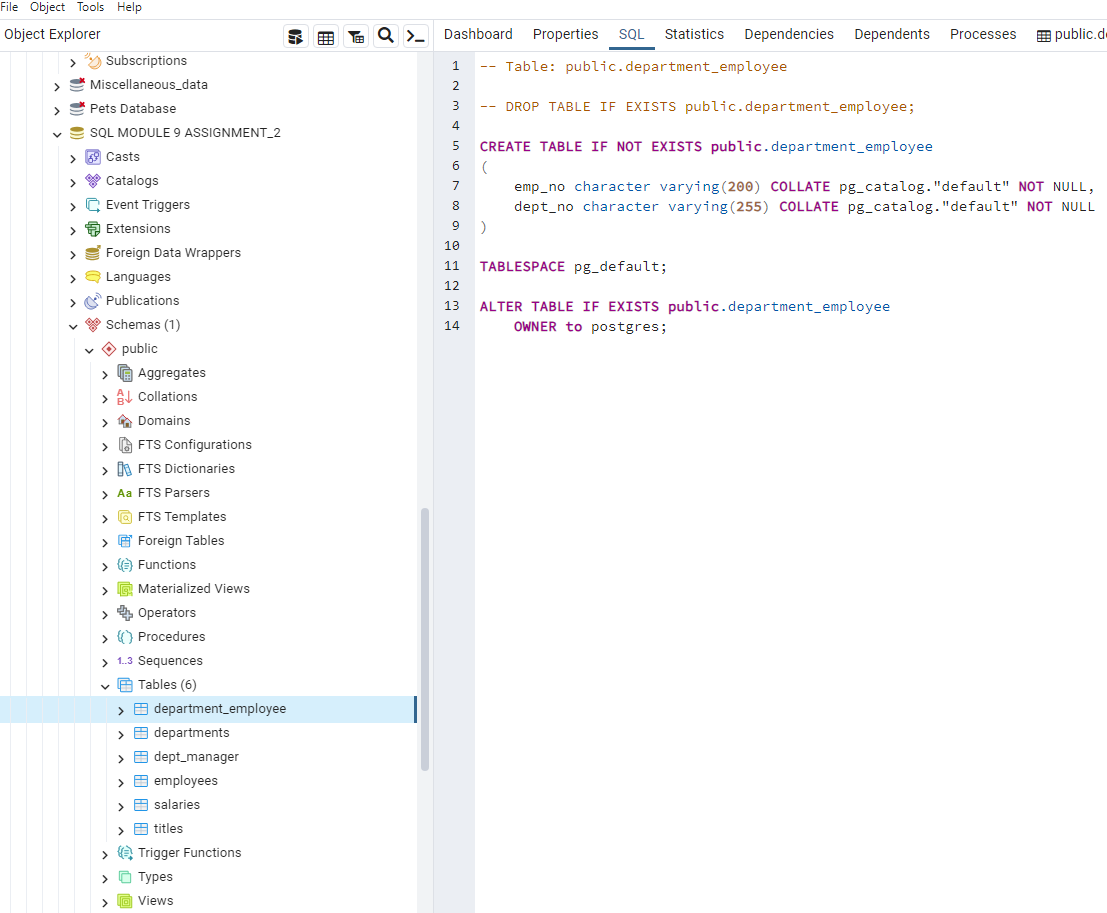
dept\_no character varying(255) COLLATE pg\_catalog."default" NOT NULL

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.department\_employee

OWNER to postgres;



**Code for departments table:**

-- Table: public.departments

-- DROP TABLE IF EXISTS public.departments;

CREATE TABLE IF NOT EXISTS public.departments

(

dept\_no character varying(100) COLLATE pg\_catalog."default" NOT NULL,

dept\_name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

CONSTRAINT pk\_departments PRIMARY KEY (dept\_no),

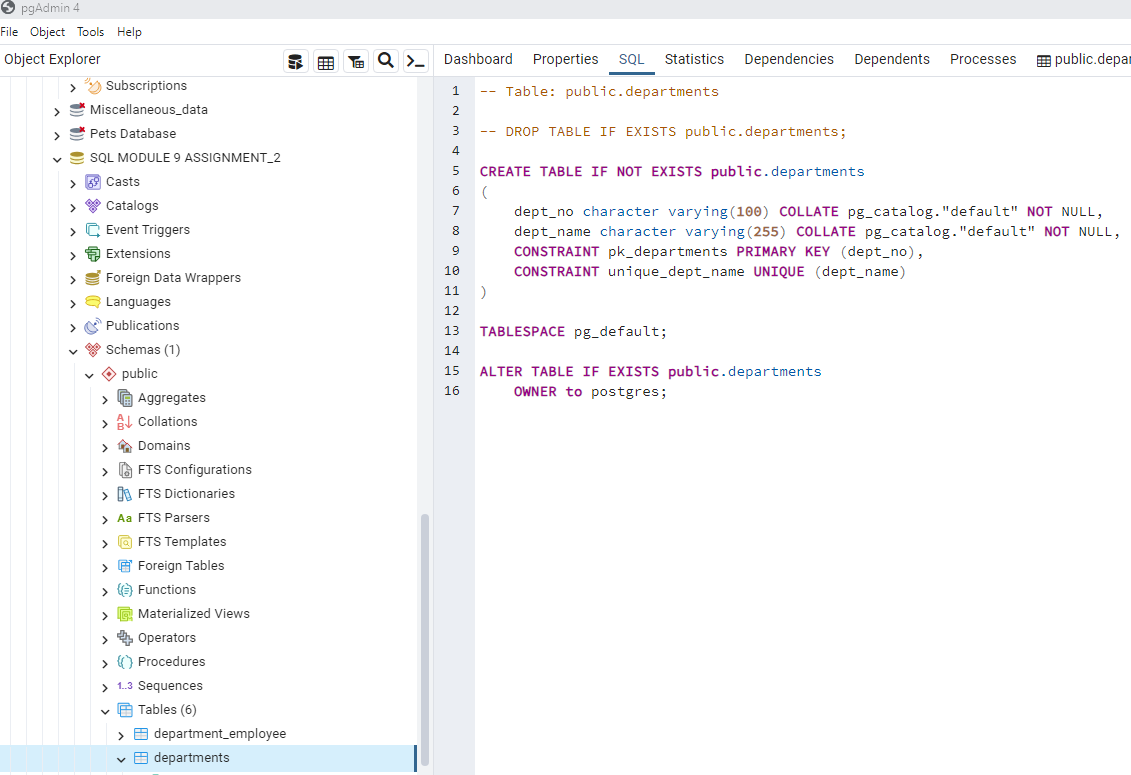
CONSTRAINT unique\_dept\_name UNIQUE (dept\_name)

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.departments

OWNER to postgres;



**Code for dept\_manager table:**

-- Table: public.dept\_manager

-- DROP TABLE IF EXISTS public.dept\_manager;

CREATE TABLE IF NOT EXISTS public.dept\_manager

(

dept\_no character varying(255) COLLATE pg\_catalog."default" NOT NULL,

emp\_no integer NOT NULL,

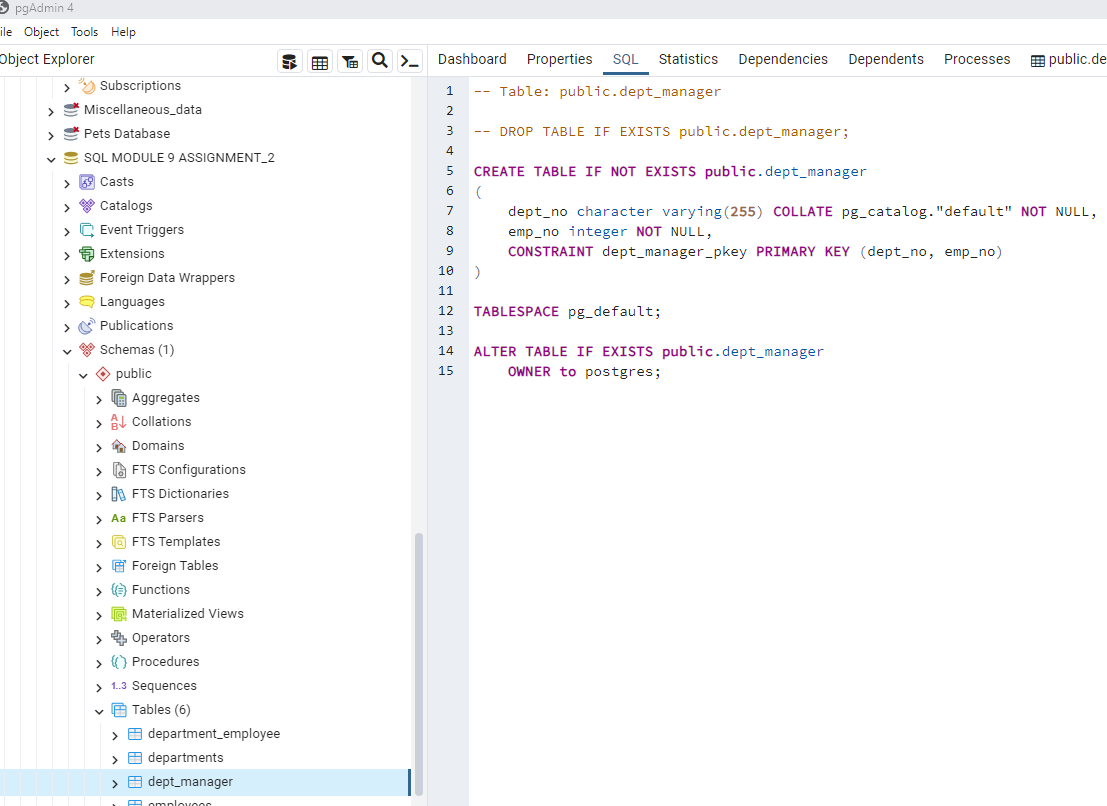
CONSTRAINT dept\_manager\_pkey PRIMARY KEY (dept\_no, emp\_no)

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.dept\_manager

OWNER to postgres;



**Code for employees table:**

-- Table: public.employees

-- DROP TABLE IF EXISTS public.employees;

CREATE TABLE IF NOT EXISTS public.employees

(

emp\_no integer NOT NULL,

emp\_title character varying(255) COLLATE pg\_catalog."default",

birth\_date date NOT NULL,

first\_name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

last\_name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

sex character(1) COLLATE pg\_catalog."default" NOT NULL,

hire\_date date NOT NULL,

CONSTRAINT pk\_employeenames PRIMARY KEY (emp\_no),

CONSTRAINT employees\_sex\_check CHECK (sex = ANY (ARRAY['M'::bpchar, 'F'::bpchar]))

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.employees

OWNER to postgres;

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Description automatically generated

**Code for salaries table:**

-- Table: public.salaries

-- DROP TABLE IF EXISTS public.salaries;

CREATE TABLE IF NOT EXISTS public.salaries

(

emp\_no integer NOT NULL,

salary character varying(100) COLLATE pg\_catalog."default" NOT NULL,

CONSTRAINT pk\_salaries PRIMARY KEY (emp\_no),

CONSTRAINT fk\_salaries\_emp\_no FOREIGN KEY (emp\_no)

REFERENCES public.employees (emp\_no) MATCH SIMPLE

ON UPDATE NO ACTION

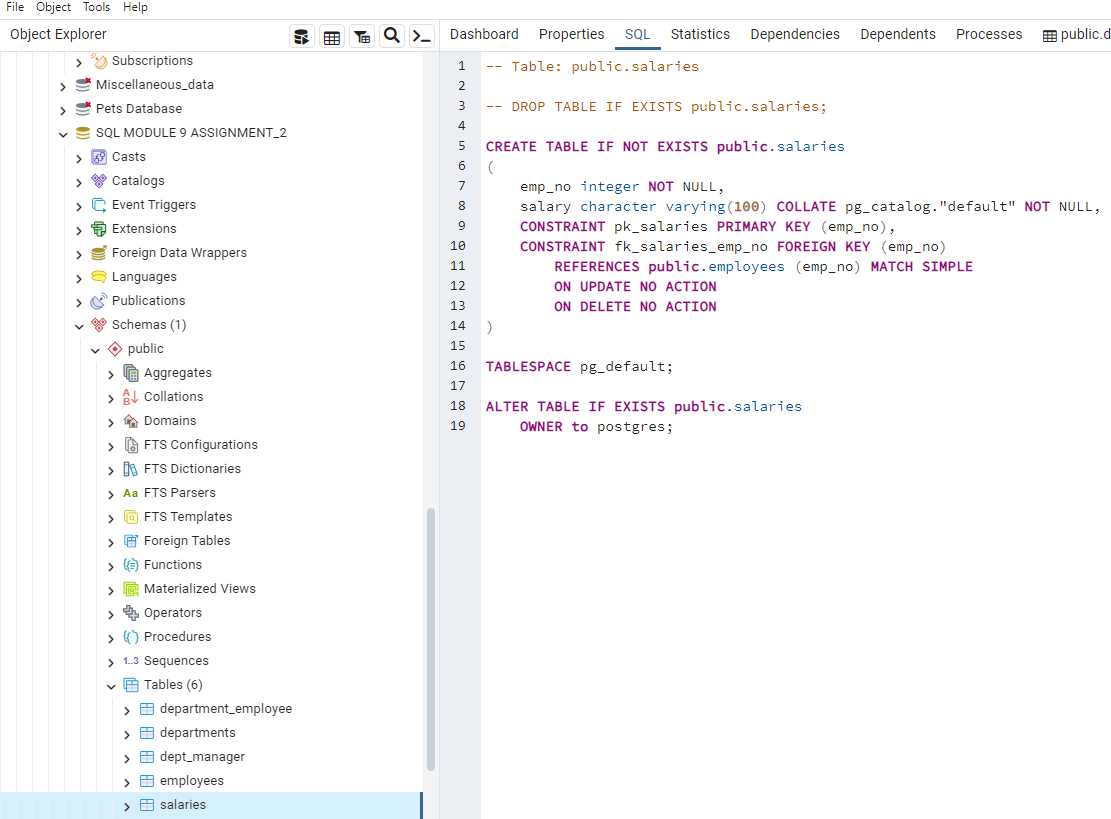
ON DELETE NO ACTION

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.salaries

OWNER to postgres;



**Code for titles table:**

-- Table: public.titles

-- DROP TABLE IF EXISTS public.titles;

CREATE TABLE IF NOT EXISTS public.titles

(

title\_id character(5) COLLATE pg\_catalog."default" NOT NULL,

title character varying(255) COLLATE pg\_catalog."default" NOT NULL,

CONSTRAINT pk\_titles PRIMARY KEY (title\_id)

)

TABLESPACE pg\_default;

ALTER TABLE IF EXISTS public.titles

OWNER to postgres;

