CREATE TABLE IF NOT EXISTS public.cinema

(

id SERIAL PRIMARY KEY,

nome\_cinema character varying(100) NOT NULL

); CREATE TABLE IF NOT EXISTS public.filme

(

id SERIAL PRIMARY KEY,

titulo character varying(100) NOT NULL,

duracao double precision

); CREATE TABLE IF NOT EXISTS public.sala

(

id SERIAL PRIMARY KEY,

nome\_sala character varying(100) NOT NULL,

capacidade integer,

assento\_linha character varying(10),

assento\_coluna integer

); CREATE TABLE IF NOT EXISTS public.cliente

(

id SERIAL PRIMARY KEY,

nome character varying(100) NOT NULL,

cpf character varying(14) NOT NULL,

email character varying(100),

CONSTRAINT cliente\_cpf\_key UNIQUE (cpf)

); CREATE TABLE IF NOT EXISTS public.sessao

(

id SERIAL PRIMARY KEY,

nome\_sessao character varying(100) NOT NULL,

hora\_inicio timestamp without time zone NOT NULL,

filme\_id integer,

cinema\_id integer,

sala\_id integer,

CONSTRAINT sessao\_cinema\_id\_fkey FOREIGN KEY (cinema\_id)

REFERENCES public.cinema (id) ON UPDATE NO ACTION ON DELETE NO ACTION,

CONSTRAINT sessao\_filme\_id\_fkey FOREIGN KEY (filme\_id)

REFERENCES public.filme (id) ON UPDATE NO ACTION ON DELETE NO ACTION,

CONSTRAINT sessao\_sala\_id\_fkey FOREIGN KEY (sala\_id)

REFERENCES public.sala (id) ON UPDATE NO ACTION ON DELETE NO ACTION

); CREATE TABLE IF NOT EXISTS public.bilhete

(

id SERIAL PRIMARY KEY,

numero\_bilhete integer NOT NULL,

cliente\_id integer,

sessao\_id integer,

CONSTRAINT bilhete\_cliente\_id\_fkey FOREIGN KEY (cliente\_id)

REFERENCES public.cliente (id) ON UPDATE NO ACTION ON DELETE NO ACTION,

CONSTRAINT bilhete\_sessao\_id\_fkey FOREIGN KEY (sessao\_id)

REFERENCES public.sessao (id) ON UPDATE NO ACTION ON DELETE NO ACTION

); -- Inserindo dados na tabela 'cinema'

INSERT INTO public.cinema (nome\_cinema) VALUES

('Cinema 1'),

('Cinema 2'),

('Cinema 3'),

('Cinema 4'),

('Cinema 5');

-- Inserindo dados na tabela 'filme'

INSERT INTO public.filme (titulo, duracao) VALUES

('Filme A', 120.0),

('Filme B', 150.5),

('Filme C', 110.0),

('Filme D', 130.0),

('Filme E', 140.0);

-- Inserindo dados na tabela 'sala'

INSERT INTO public.sala (nome\_sala, capacidade, assento\_linha, assento\_coluna) VALUES

('Sala 1', 100, 'A', 10),

('Sala 2', 150, 'B', 15),

('Sala 3', 120, 'C', 12),

('Sala 4', 130, 'D', 13),

('Sala 5', 110, 'E', 11);

-- Inserindo dados na tabela 'cliente'

INSERT INTO public.cliente (nome, cpf, email) VALUES

('Cliente 1', '123.456.789-00', 'cliente1@example.com'),

('Cliente 2', '234.567.890-11', 'cliente2@example.com'),

('Cliente 3', '345.678.901-22', 'cliente3@example.com'),

('Cliente 4', '456.789.012-33', 'cliente4@example.com'),

('Cliente 5', '567.890.123-44', 'cliente5@example.com');

-- Inserindo dados na tabela 'sessao'

INSERT INTO public.sessao (nome\_sessao, hora\_inicio, filme\_id, cinema\_id, sala\_id) VALUES

('Sessao 1', '2024-01-01 10:00:00', 1, 1, 1),

('Sessao 2', '2024-01-01 12:00:00', 2, 2, 2),

('Sessao 3', '2024-01-01 14:00:00', 3, 3, 3),

('Sessao 4', '2024-01-01 16:00:00', 4, 4, 4),

('Sessao 5', '2024-01-01 18:00:00', 5, 5, 5);

-- Inserindo dados na tabela 'bilhete'

INSERT INTO public.bilhete (numero\_bilhete, cliente\_id, sessao\_id) VALUES

(101, 1, 1),

(102, 2, 2),

(103, 3, 3),

(104, 4, 4),

(105, 5, 5);