CREATE TABLE shows(

id SERIAL,

subject VARCHAR(200) NOT NULL,

date\_begins TIMESTAMP NOT NULL,

date\_ends TIMESTAMP NOT NULL,

time\_opens VARCHAR(12) NOT NULL,

time\_closes VARCHAR(12) NOT NULL,

price NUMERIC(5, 2) NOT NULL,

PRIMARY KEY (id));

CREATE TABLE shows\_rooms(

show\_id INTEGER,

room\_id INTEGER,

PRIMARY KEY (show\_id, room\_id),

CONSTRAINT fk\_show\_id

FOREIGN KEY (show\_id) REFERENCES shows (id) ON DELETE CASCADE,

CONSTRAINT fk\_room\_id

FOREIGN KEY (room\_id) REFERENCES rooms (id) ON DELETE CASCADE);

CREATE TABLE users(

id SERIAL,

login VARCHAR(20) NOT NULL UNIQUE,

password VARCHAR(20) NOT NULL,

role INT NOT NULL,

balance NUMERIC(6,2) NOT NULL,

PRIMARY KEY (id),

CONSTRAINT fk\_role FOREIGN KEY (role) REFERENCES roles (id)

ON DELETE SET NULL);

CREATE TABLE tickets(

order\_id SERIAL,

user\_id INTEGER,

show\_id INTEGER,

quantity INTEGER NOT NULL,

date TIMESTAMP NOT NULL,

PRIMARY KEY (order\_id),

CONSTRAINT fk\_user\_id

FOREIGN KEY (user\_id) REFERENCES users (id) ON DELETE CASCADE,

CONSTRAINT fk\_show\_id

FOREIGN KEY (show\_id) REFERENCES shows (id) ON DELETE CASCADE);

CREATE TABLE rooms(

id SERIAL,

room VARCHAR(10) UNIQUE,

PRIMARY KEY (id));

CREATE TABLE roles(

id SERIAL,

role VARCHAR(10) UNIQUE,

PRIMARY KEY (id));