CREATE TABLE city

(

Id SERIAL PRIMARY KEY,

Name CHARACTER VARYING(100),

country CHARACTER VARYING(100)

);

CREATE TABLE publisher

(

Id SERIAL PRIMARY KEY,

Name CHARACTER VARYING(100),

adress CHARACTER VARYING(100),

Telephone INT,

mail CHARACTER VARYING(100),

city\_name INT references city(id)

);

CREATE TABLE publish

(

Id SERIAL PRIMARY KEY,

Code INT,

Name CHARACTER VARYING(100),

property CHARACTER VARYING(1200),

size INT,

Year INT,

publisher\_name INT,

FOREIGN KEY (publisher\_name) references publisher(id),

);

CREATE TABLE release

(

Id SERIAL PRIMARY KEY,

date\_realease DATE,

date\_return DATE,

reader\_number\_ticket INT,

publish\_code INT,

FOREIGN KEY (publish\_code) references publish(id),

FOREIGN KEY (reader\_number\_ticket) references reader(id)

);

CREATE TABLE composition

(

Id SERIAL PRIMARY KEY,

Code INT,

Name CHARACTER VARYING(45),

Year INT

);

CREATE TABLE composition\_publish

(

Id SERIAL PRIMARY KEY,

composition\_id INT,

publish\_id INT,

FOREIGN KEY (composition\_id) references composition(id),

FOREIGN KEY (publish\_id) references publish(id)

);

CREATE TABLE author

(

Id SERIAL PRIMARY KEY,

surname CHARACTER VARYING(100),

Name CHARACTER VARYING(100),

patronymic CHARACTER VARYING(100),

birthdate DATE,

biography CHARACTER VARYING(300)

);

CREATE TABLE composition\_author

(

Id SERIAL PRIMARY KEY,

composition\_id INT,

author\_id INT,

FOREIGN KEY (composition\_id) references composition(id),

FOREIGN KEY (author\_id) references author(id)

);

CREATE TABLE reader

(

Id SERIAL PRIMARY KEY,

Number\_ticket INT,

Name CHARACTER VARYING(100),

date DATE,

adress CHARACTER VARYING(100),

telephone CHARACTER VARYING(50),

date\_release DATE,

validity\_period DATE

)