CREATE DATABASE library\_management;

USE library\_management;

CREATE TABLE books (

bookId INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL UNIQUE,

author VARCHAR(50) NOT NULL,

publishedYear YEAR NOT NULL,

category VARCHAR(50) NOT NULL

);

CREATE TABLE readers (

readerId INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(50) NOT NULL,

birthDate DATE NOT NULL ,

address VARCHAR(255),

phoneNumber VARCHAR(11)

);

CREATE TABLE borrows (

borrowId INT AUTO\_INCREMENT PRIMARY KEY,

borrowDate DATE NOT NULL CHECK (borrowDate <= CURDATE()),

returnDate DATE,

bookId INT,

readerId INT,

FOREIGN KEY (bookId) REFERENCES books(bookId),

FOREIGN KEY (readerId) REFERENCES readers(readerId)

);