Write SQL statements to CREATE a new database and tables that reflect the library schema you designed earlier. Use ALTER statements to modify the table structures and DROP statements to remove a redundant table.

```
-- Create a new database
CREATE DATABASE LibraryDB;
-- Use the newly created database
USE LibraryDB;
-- Create tables
CREATE TABLE Authors (
 AuthorID INT PRIMARY KEY AUTO_INCREMENT,
 AuthorName VARCHAR(100) NOT NULL
);
CREATE TABLE Books (
 BookID INT PRIMARY KEY AUTO_INCREMENT,
 Title VARCHAR(255) NOT NULL,
 ISBN VARCHAR(20) NOT NULL,
 AuthorID INT,
 PublicationYear INT,
 FOREIGN KEY (AuthorID) REFERENCES Authors(AuthorID)
);
CREATE TABLE Users (
 UserID INT PRIMARY KEY AUTO_INCREMENT,
 Username VARCHAR(50) NOT NULL,
 Email VARCHAR(100) NOT NULL
```

```
);
CREATE TABLE Checkouts (
 CheckoutID INT PRIMARY KEY AUTO_INCREMENT,
 UserID INT,
 BookID INT,
 CheckoutDate DATE,
 ReturnDate DATE,
 FOREIGN KEY (UserID) REFERENCES Users(UserID),
 FOREIGN KEY (BookID) REFERENCES Books(BookID)
);
-- Alter table structure (example: add a column)
ALTER TABLE Books
ADD COLUMN Genre VARCHAR(50);
-- Drop a redundant table
DROP TABLE RedundantTable;
```