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CREATE SCHEMA IF NOT EXISTS Librarys;
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```
CREATE TABLE IF NOT EXISTS LIBRARY_BRANCH ( BranchId INTEGER NOT NULL
,BranchName VARCHAR(20) NOT NULL
,Address VARCHAR(40) NOT NULL
,PRIMARY KEY (BranchId) );
```

```
CREATE TABLE IF NOT EXISTS BOOK_AUTHORS (BookId CHAR(20) NOT NULL
, AuthorName VARCHAR(30) NOT NULL
, PRIMARY KEY (BookId, AuthorName)
, FOREIGN KEY (BookId) REFERENCES BOOKS
(BookId)
ON DELETE CASCADE ON UPDATE CASCADE);
```

[illegible]

```
CREATE TABLE IF NOT EXISTS BOOK_LOANS ( CardNo INTEGER NOT NULL
,BookId CHAR(20) NOT NULL
,BranchId INTEGER NOT NULL
,DateOut DATE NOT NULL
,DueDate DATE NOT NULL
,PRIMARY KEY (CardNo, BookId, BranchId)
,FOREIGN KEY (CardNo) REFERENCES BORROWER
(CardNo)
ON DELETE CASCADE ON UPDATE CASCADE
,FOREIGN KEY (BranchId) REFERENCES
LIBRARY_BRANCH (BranchId)
ON DELETE CASCADE ON UPDATE CASCADE
,FOREIGN KEY (BookId) REFERENCES BOOK (BookId)
ON DELETE CASCADE ON UPDATE CASCADE );
```