CREATE TABLE `books` (

`bookId` varchar(45) NOT NULL,

`bookTitle` varchar(45) NOT NULL,

`bookAuthor` varchar(45) NOT NULL,

`bookPrice` double DEFAULT '0',

`bookAvailability` varchar(45) NOT NULL DEFAULT 'Y',

PRIMARY KEY (`bookId`),

UNIQUE KEY `bookId\_UNIQUE` (`bookId`),

UNIQUE KEY `bookTitle\_UNIQUE` (`bookTitle`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `LendReturnBook` (

`LendId` int(11) NOT NULL AUTO\_INCREMENT,

`bookId` varchar(45) NOT NULL,

`memberId` int(11) NOT NULL,

`dateOfIssue` varchar(45) NOT NULL,

`dateOfReturn` varchar(45) NOT NULL,

`LendReturn` varchar(45) NOT NULL DEFAULT 'L',

`ActualReturnDate` varchar(45) DEFAULT NULL,

PRIMARY KEY (`LendId`),

UNIQUE KEY `LendId\_UNIQUE` (`LendId`),

KEY `bookId\_idx` (`bookId`),

KEY `memberId\_idx` (`memberId`),

CONSTRAINT `bookId` FOREIGN KEY (`bookId`) REFERENCES `books` (`bookId`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `memberId` FOREIGN KEY (`memberId`) REFERENCES `members` (`memberId`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=2003 DEFAULT CHARSET=latin1;

CREATE TABLE `logintbl` (

`username` varchar(15) NOT NULL,

`password` varchar(45) NOT NULL,

PRIMARY KEY (`username`),

UNIQUE KEY `username\_UNIQUE` (`username`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `members` (

`memberId` int(11) NOT NULL AUTO\_INCREMENT,

`memberName` varchar(45) NOT NULL,

`memberAddress` varchar(45) DEFAULT NULL,

`memberMailId` varchar(45) DEFAULT NULL,

`memberPhone` varchar(45) DEFAULT NULL,

`memberType` varchar(45) DEFAULT NULL,

`dateOfIssue` datetime NOT NULL,

`dateOfExpiry` datetime NOT NULL,

PRIMARY KEY (`memberId`),

UNIQUE KEY `memberId\_UNIQUE` (`memberId`),

UNIQUE KEY `memberMailId\_UNIQUE` (`memberMailId`),

UNIQUE KEY `memberPhone\_UNIQUE` (`memberPhone`)

) ENGINE=InnoDB AUTO\_INCREMENT=1005 DEFAULT CHARSET=latin1;