



Books

<u>ISBN: string</u>	Edition: string	Category: string	Title: string	price: Decimal
---------------------	-----------------	------------------	---------------	----------------

Write

<u>ISBN: string</u>	Author ID: int
---------------------	----------------

Authors

<u>Author ID: int</u>	Name: string	DOB: Date	Nationality: string
-----------------------	--------------	-----------	---------------------

publishers	<u>Publisher: string</u>	Author ID: int
------------	--------------------------	----------------

Book Copies

<u>ISBN: string</u>	Copy Number: int	Status: string
---------------------	------------------	----------------

Associate

<u>Transaction ID: int</u>	Copy number: int	ISBN: string
----------------------------	------------------	--------------

Transactions

<u>Transaction ID: int</u>	Due Date: Date	check out date/time: DateTime	Return Date: Date	patron ID: int
----------------------------	----------------	-------------------------------	-------------------	----------------

Patrons

<u>Patron ID (int)</u>	First Name (string)	Last Name (string)	Street (string)	City (string)	State (string)	Zip (string)	Email Address (string)	Membership Type (string)	Borrowing Limit (int)	Loan Period (int)	Increased Borrowing Limit (int)	Extended Loan period (int)
------------------------	---------------------	--------------------	-----------------	---------------	----------------	--------------	------------------------	--------------------------	-----------------------	-------------------	---------------------------------	----------------------------

PhoneNumbers

Phone number: string	<u>Patron ID: int</u>
----------------------	-----------------------