

# Challenge 1: Book list

Monday, April 3, 2017 2:28 PM


Clipped from: <https://www.khanacademy.org/computer-programming/spin-off-of-challenge-book-list-database/5307150039842816>

## Spin-off of "Challenge: Book list database" [Edit Title](#)

```
1 /** Book list */
2
3 CREATE TABLE books (id INTEGER PRIMARY KEY
4 , name TEXT, rating INTEGER);
5
6 INSERT INTO books VALUES(1,"Deadline",7);
7 INSERT INTO books VALUES(2,"The Bourne
8 Identity",9);
9 INSERT INTO books VALUES(3,"The Hunt for
10 Red October",10);
```

DATABASE SCHEMA

books	3 rows
id (PK)	INTEGER
name	TEXT
rating	INTEGER

[Request Help](#)  [Spin-off](#) [Save](#)

Clipped from: <https://www.khanacademy.org/computing/computer-programming/sql/sql-basics/p/challenge-book-list-database>

COMPUTER PROGRAMMING >  
INTRO TO SQL: QUERYING AND  
MANAGING DATA

SQL basics


- Welcome to SQL
- Creating a table and inserting data
- Challenge: Book list database**
- Querying the table
- Challenge: Box office hits database
- Aggregating data
- Challenge: TODO list database stats
- S-Q-L or SEQUEL?

## Challenge: Book list database

**Step 1**


What are your favorite books? You can make a database table to store them in! In this first step, create a table to store your list of books. It should have columns for id, name, and rating.

```
1
```

[Undo](#) [Start over](#)  [Step 1/2](#) [Next Step](#) [Onwards!](#)

**Hint** [What's this?](#)  
CREATE TABLE ...;

**Congratulations!**  
You earned 1050 points!



## Convert Course Lists Into SQL Statements to make eBook list

Tuesday, April 4, 2017 11:58 AM

				Uses VBA function "getURL"	
				Public Function GetURL(c As Range) As String On Error Resume Next GetURL = c.Hyperlinks(1).Address End Function	
<b>Credit &amp; Debt Courses:</b>					
ID	Title	URL	Price		
1	Credit Building Unveiled	<a href="#">Take Course</a>	15		O creditDebt VALUES(ID,'Title','Price','Description');
2	Know Your Credit Rights	<a href="#">Take Course</a>	15		O creditDebt VALUES(1,'Credit Building https://www.lendup.com/education',15,'Demystify the process of building a good credit profile.');
3	The True Cost of Credit	<a href="#">Take Course</a>	15	Do you know the true cost of the credit you apply for? <small>Screen clipping taken: 4/4/2017 12:01 PM</small>	INSERT INTO creditDebt VALUES(3,'The True Cost of Credit','https://www.lendup.com/education',15,'Do you know the true cost of the credit you apply for?');
4	Roadmap to Your Credit Report	<a href="#">Take Course</a>	15	Understand the ins and outs of your credit report.	INSERT INTO creditDebt VALUES(4,'Roadmap to Your Credit Report','https://www.lendup.com/education',15,'Understand the ins and outs of your credit report.');
5	Build Your Credit: Ladder to Success	<a href="#">Take Course</a>	25	How to build your credit and use it as a tool for success.	INSERT INTO creditDebt VALUES(5,'Build Your Credit: Ladder to Success','https://www.lendup.com/education',25,'How to build your credit and use it as a tool for success.');
6	How to Protect Yourself Online	<a href="#">Take Course</a>	35	Protect yourself from identity theft and unauthorized use of your credit.	INSERT INTO creditDebt VALUES(6,'How to Protect Yourself Online','https://www.lendup.com/education',35,'Protect yourself from identity theft and unauthorized use of your credit.');
7	Pay Yourself First	<a href="#">Take Course</a>	20	Learn the first rule of saving and wealth building.	INSERT INTO creditDebt VALUES(7,'Pay Yourself First','https://www.lendup.com/education',20,'Learn the first rule of saving and wealth building.');
8	Better Budgeting	<a href="#">Take Course</a>	15	Essential skills for building financial independence.	INSERT INTO creditDebt VALUES(8,'Better Budgeting','https://www.lendup.com/education',15,'Essential skills for building financial independence.');
9	Benefits of Your Credit Card	<a href="#">Take Course</a>	15	Understand the power of using credit cards wisely.	INSERT INTO creditDebt VALUES(9,'Benefits of Your Credit Card','https://www.lendup.com/education',15,'Understand the power of using credit cards wisely.');
10	Beating Credit Card Risk	<a href="#">Take Course</a>	35	Manage the risk of credit cards.	INSERT INTO creditDebt VALUES(10,'Beating Credit Card Risk','https://www.lendup.com/education',35,'Manage the risk of credit cards.');
11	What is Up With Your Finance Charges?	<a href="#">Take Course</a>	10	Understand finance charges. The devil is in the details.	INSERT INTO creditDebt VALUES(11,'What is Up With Your Finance Charges?','https://www.lendup.com/education',10,'Understand finance charges. The devil is in the details.');
12	Building Your Financial Future	<a href="#">Take Course</a>	25	Design your financial future one transaction at a time.	INSERT INTO creditDebt VALUES(12,'Building Your Financial Future','https://www.lendup.com/education',25,'Design your financial future one transaction at a time.');
13	Your Finances: A Tool for Life	<a href="#">Take Course</a>	15	Your finances are an essential tool for a good life.	INSERT INTO creditDebt VALUES(13,'Your Finances: A Tool for Life','https://www.lendup.com/education',15,'Your finances are an essential tool for a good life.');
14	Understanding Loans and Lending – Capital One	<a href="#">Take Course</a>	15	Understanding Loans and Lending Most of us experience times in our lives when we want or need to have access to larger sums of money.	INSERT INTO creditDebt VALUES(14,'Understanding Loans and Lending – Capital One','https://www.capitalone.com/.../loans/understanding-loans-and-lending',15,'Understanding Loans and Lending Most of us experience times in our lives when we want or need to have access to larger sums of money.');
15	Understanding Your Mortgage   Investopedia	<a href="#">Take Course</a>	15	Understanding Your Mortgage . By Stan Murray ... Fixed-Rate Loans. The most common mortgage loan is the 30-year fixed-rate loan because the interest rate does not change.  <a href="https://www.lendup.com/education">https://www.lendup.com/education</a>	INSERT INTO creditDebt VALUES(15,'Understanding Your Mortgage   Investopedia',http://www.investopedia.com/articles/pf/05/020705.asp',15,'Understanding Your Mortgage . By Stan Murray ... Fixed-Rate Loans. The most common mortgage loan is the 30-year fixed-rate loan because the interest rate does not change.');
	<a href="#">From &lt;https://www.lendup.com/education&gt;</a>				INSERT INTO creditDebt VALUES(From < <a href="https://www.lendup.com/education">https://www.lendup.com/education</a> > , " , " ");
	Understanding Loans and Lending – Capital One	<a href="#">Take Course</a>	<a href="#">Take Course</a>		
	Understanding Your Mortgage   Investopedia	<a href="#">Take Course</a>	<a href="#">Take Course</a>		
15	Understanding Your Mortgage   Investopedia	<a href="#">Take Course</a>	15	Understanding Your Mortgage . By Stan Murray ... Fixed-Rate Loans The most common mortgage loan is the 30-year fixed-rate loan because the interest rate does ...	INSERT INTO creditDebt VALUES(15,'Understanding Your Mortgage   Investopedia',"15','Understanding Your Mortgage . By Stan Murray ... Fixed-Rate Loans The most common mortgage loan is the 30-year fixed-rate loan because the interest rate does ...');