

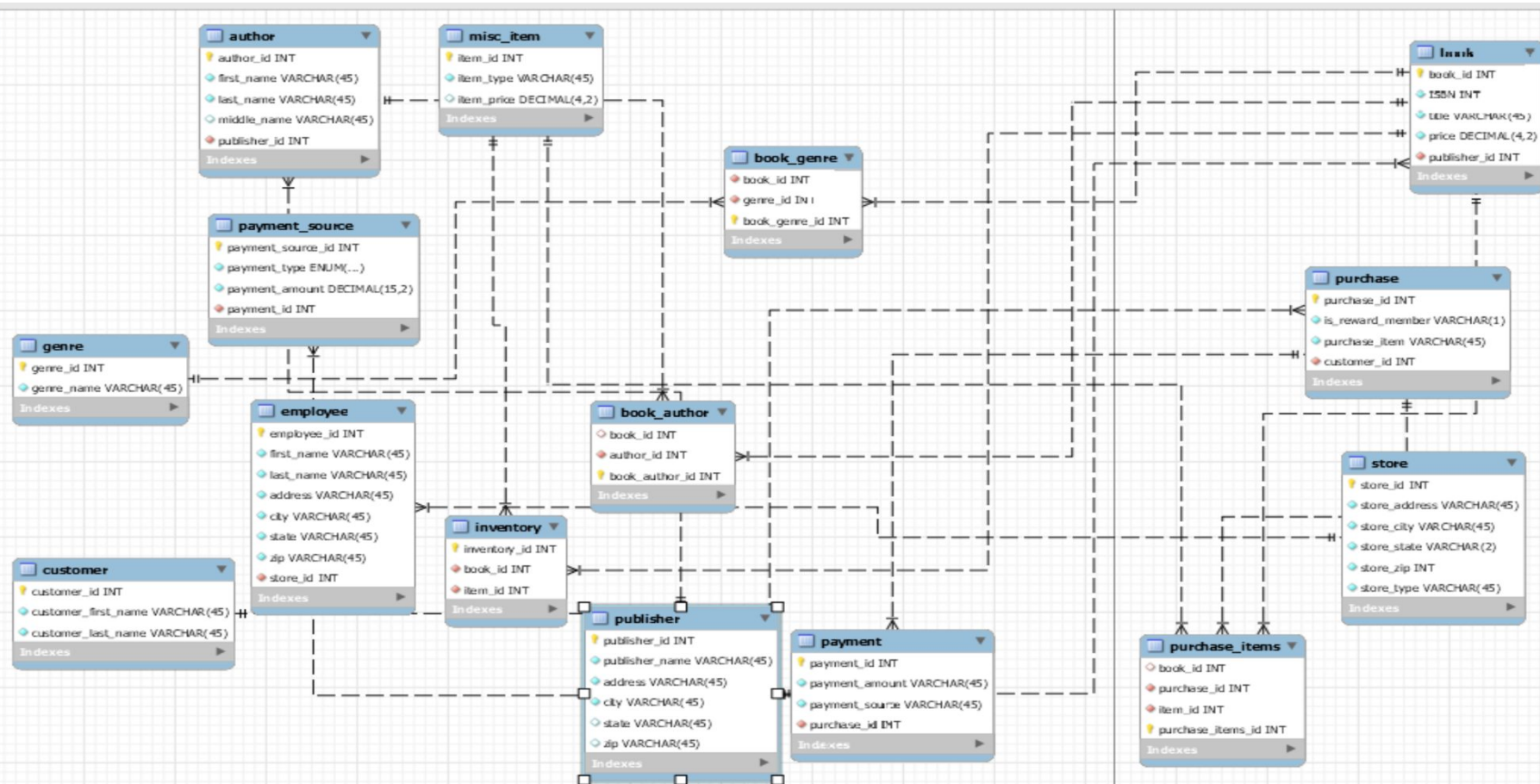
FIND YOUR ADVENTURE BOOKSTORE

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OVERVIEW

We decided to create a fictional bookstore that caters to teens and young adults. This bookstore mostly carries books, but it also stocks things like goodies and bookmarks.

ERD



SEARCH FORM

[Home](#)

[Book Request](#)

Find Your Adventure Bookstore

Have a specific book in mind? See if we have it in stock!

Keywords



UPDATE FORM

[Home](#)

[Book Request](#)

Find Your Adventure Bookstore

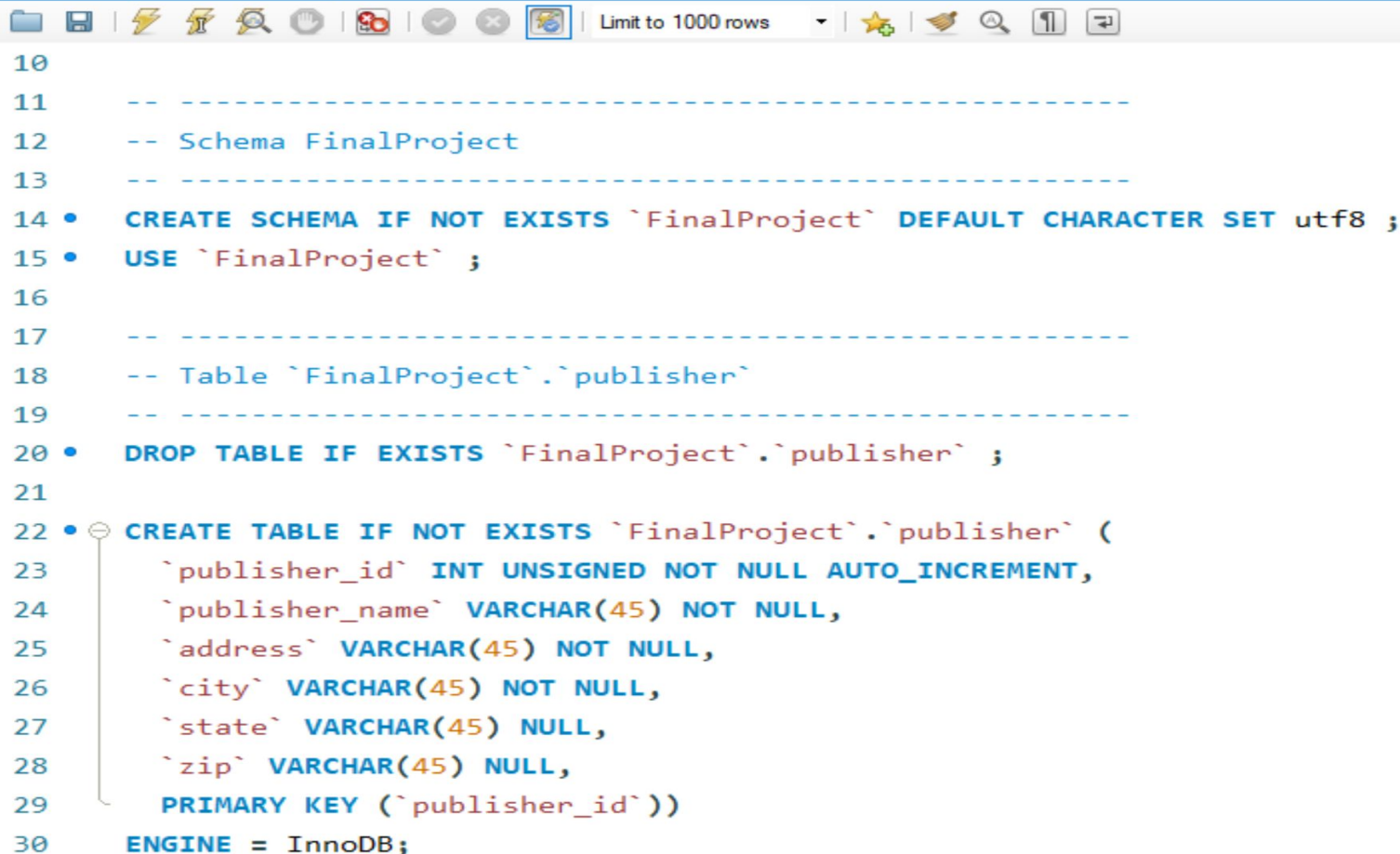
Can't find the book you're looking for? Let us know!

Book Name:

Author:

Submit

SCRIPT / FORWARD ENGINEERING



The image shows a screenshot of a SQL script editor window. The window has a toolbar at the top with various icons for file operations, execution, and navigation. Below the toolbar, the script content is displayed with line numbers on the left. The script is a MySQL script for creating a schema and a table. It includes comments for schema and table creation, and SQL commands for creating the schema, using the schema, dropping an existing table, and creating a new table with specific columns and a primary key. The table is named 'publisher' and is located within the 'FinalProject' schema. The columns are 'publisher_id' (INT UNSIGNED NOT NULL AUTO_INCREMENT), 'publisher_name' (VARCHAR(45) NOT NULL), 'address' (VARCHAR(45) NOT NULL), 'city' (VARCHAR(45) NOT NULL), 'state' (VARCHAR(45) NULL), and 'zip' (VARCHAR(45) NULL). The primary key is set on 'publisher_id'. The engine is specified as InnoDB.

```
10
11  -- -----
12  -- Schema FinalProject
13  -- -----
14 • CREATE SCHEMA IF NOT EXISTS `FinalProject` DEFAULT CHARACTER SET utf8 ;
15 • USE `FinalProject` ;
16
17  -- -----
18  -- Table `FinalProject`.`publisher`
19  -- -----
20 • DROP TABLE IF EXISTS `FinalProject`.`publisher` ;
21
22 • CREATE TABLE IF NOT EXISTS `FinalProject`.`publisher` (
23     `publisher_id` INT UNSIGNED NOT NULL AUTO_INCREMENT,
24     `publisher_name` VARCHAR(45) NOT NULL,
25     `address` VARCHAR(45) NOT NULL,
26     `city` VARCHAR(45) NOT NULL,
27     `state` VARCHAR(45) NULL,
28     `zip` VARCHAR(45) NULL,
29     PRIMARY KEY (`publisher_id`))
30 ENGINE = InnoDB;
```

INSERTS

```
1 • USE finalproject;
2 • INSERT INTO genre
3     (genre_name)
4     VALUES
5     ('Fantasy'),
6     ('Teen'),
7     ('Sothern Gothic'),
8     ('Sci-Fi'),
9     ('Distopian'),
10    ('Non-Fiction');
11
12 • INSERT INTO publisher
13     (publisher_name, address, city, state, zip)
14     VALUES
15     ('Simon & Schuster Books for young readers', '1230 Avenue of the Americas', 'New York', 'NY', 10020),
16     ('Entangled: Teen', '2614 S Timberline Rd, St. 109', 'Fort Collins', 'CO', 80525),
17     ('Pottermore Publishing', 'W1A 4GE', 'London', NULL, NULL),
18     ('Knopf Books for young readers', '1745 Broadway', 'New York', 'NY', 10019),
19     ('Thomas Nelson', '501 Nelson Pl', 'Nashville', 'TN', 37214),
20     ('Harper Perennial', '195 Broadway', 'New York', 'NY', 10007),
```

BOOK TEST QUERY

Limit to 1000 rows

```
1 • SELECT * FROM finalproject.book;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: [IA](#)

	book_id	ISBN	title	price	publisher_id
▶	1	16995562	'It's Not Summer without you'	9.36	1
	2	1416995595	'We'll Always Have Summer'	9.31	1
	3	1665922079	The Summer I turned Pretty	9.25	1
	4	1529355559	Crave	13.88	2
	5	439708184	'Harry Potter and the Sorcerer's Stone'	9.99	3
	6	375842209	The Book Thief	10.99	4
	7	439064872	Harry Potter and the Chamber of Secrets	6.98	3
	8	439136369	Harry Potter and the Prisoner of Azkaban	8.00	3
	9	1408855682	Harry Potter and the Goblet of Fire	15.94	3
	10	1338299182	Harry Potter and the Order of the Phoenix	9.30	3
	11	1338299190	Harry Potter and the Half Blood Prince	9.33	3
	12	1408855712	Harry Potter and the Deathly Hallows	14.70	3
	13	785238573	We Were kings	8.99	5
	14	60935464	To Kill a Mockingbird	7.19	6
	15	1728210291	The Summer of Broken Rules	9.89	7
	16	399501487	Lord of the Flies	9.69	8
*	NULL	NULL	NULL	NULL	NULL

CONCLUSION

- Although at times it was challenging, it was fun to be able to be creative in designing a unique ERD for a business or information -Ryker
- I enjoyed making a database for a make-believe store and building some user interfaces for it. -Andra
- I learned the importance of database, the world runs on information, and the world would need a database to work with it's data. - Kartik