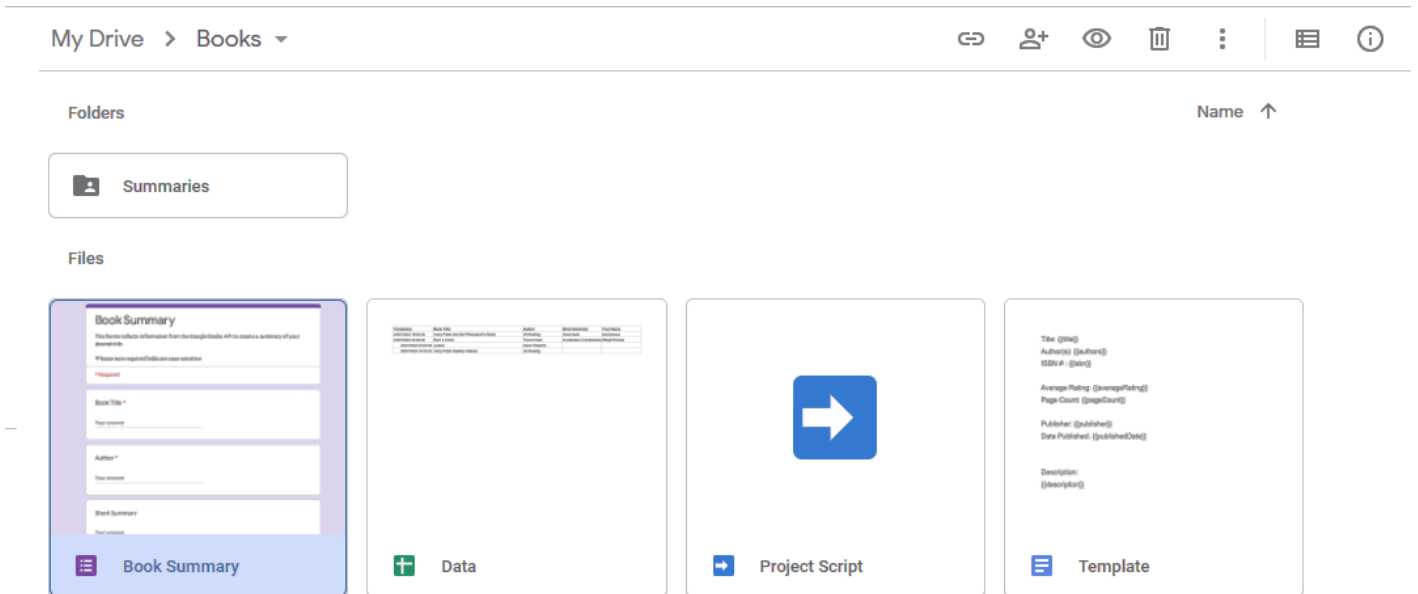


Generating Book Summaries using Google Books API and Google Apps Script

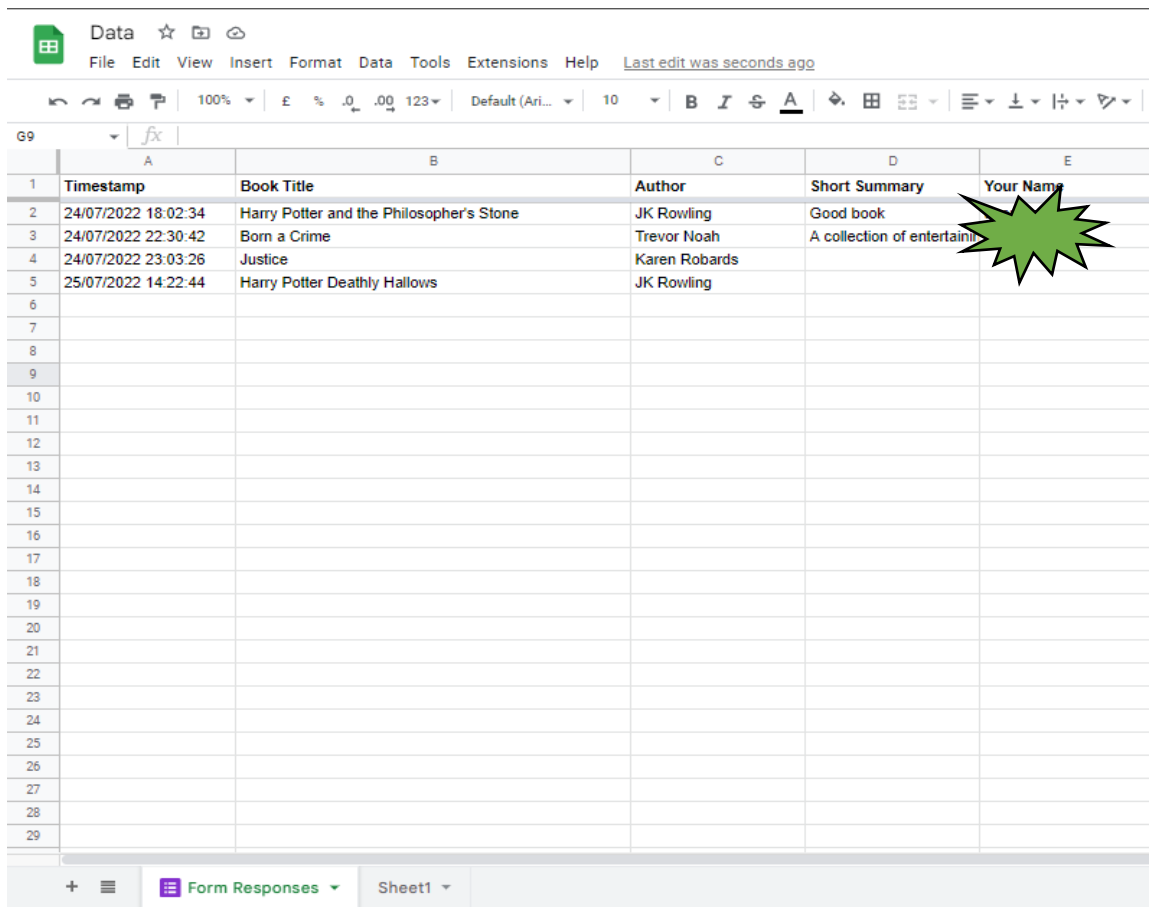


To get started, create a folder on Google Drive with a Summaries folder and project files as displayed.

Create the Google form setting the Title and Author as required fields.

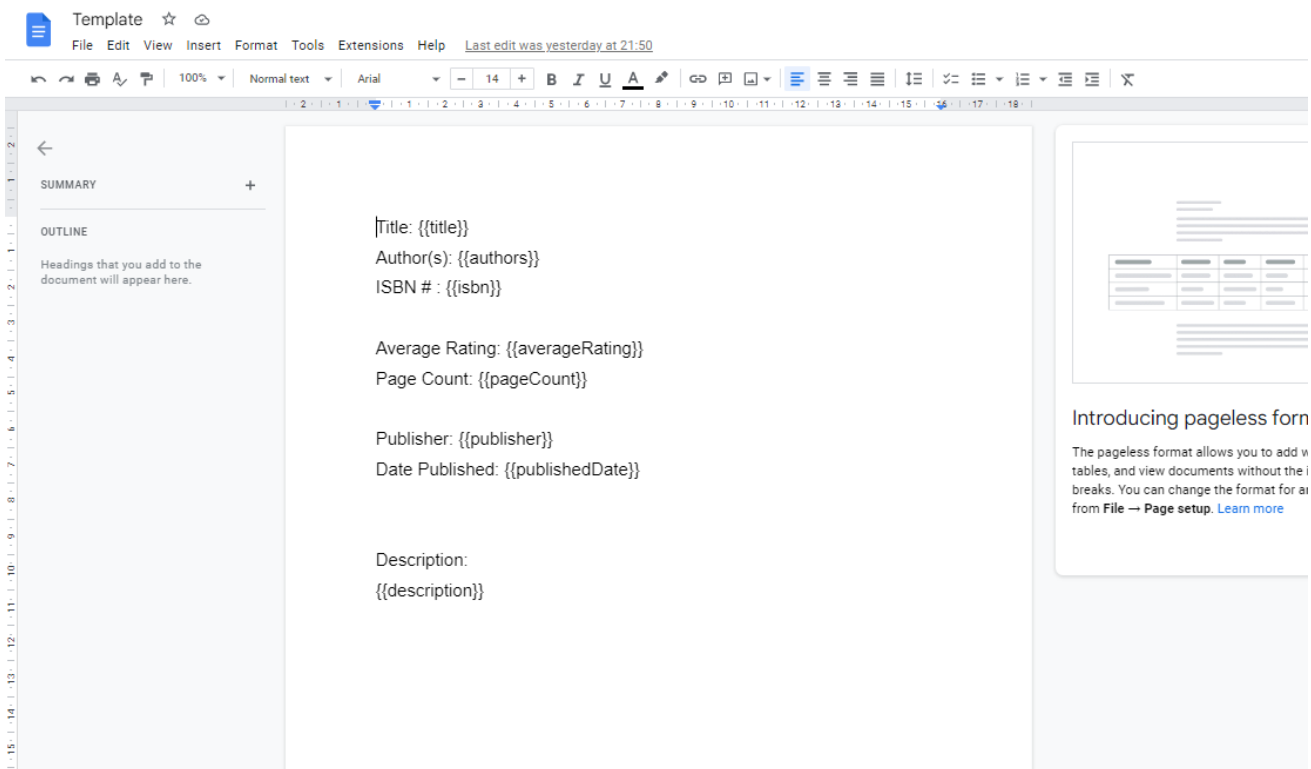
The screenshot shows a Google Form titled 'Book Summary'. The form has a subtitle: 'This forms collects information from the Google Books API to create a summary of your desired title.' and a note: '*Please note required fields are case sensitive'. The form contains three questions: 'Book Title' (Short answer text, required), 'Author' (Short answer text, required), and 'Short Summary' (Long answer text). The 'Book Title' and 'Author' fields are marked as required with a red asterisk. The 'Short Summary' field is a long-answer text field.

Link the form to a Spreadsheet to automatically populate rows.



	A	B	C	D	E
1	Timestamp	Book Title	Author	Short Summary	Your Name
2	24/07/2022 18:02:34	Harry Potter and the Philosopher's Stone	JK Rowling	Good book	
3	24/07/2022 22:30:42	Born a Crime	Trevor Noah	A collection of entertainm	
4	24/07/2022 23:03:26	Justice	Karen Robards		
5	25/07/2022 14:22:44	Harry Potter Deathly Hallows	JK Rowling		
6					
7					
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29					

Create a Google Doc template using clear notation to find and replace information.



Template

File Edit View Insert Format Tools Extensions Help Last edit was yesterday at 21:50

100% Normal text Arial 14

Summary

Outline

Headings that you add to the document will appear here.

Title: {{title}}

Author(s): {{authors}}

ISBN #: {{isbn}}

Average Rating: {{averageRating}}

Page Count: {{pageCount}}

Publisher: {{publisher}}

Date Published: {{publishedDate}}

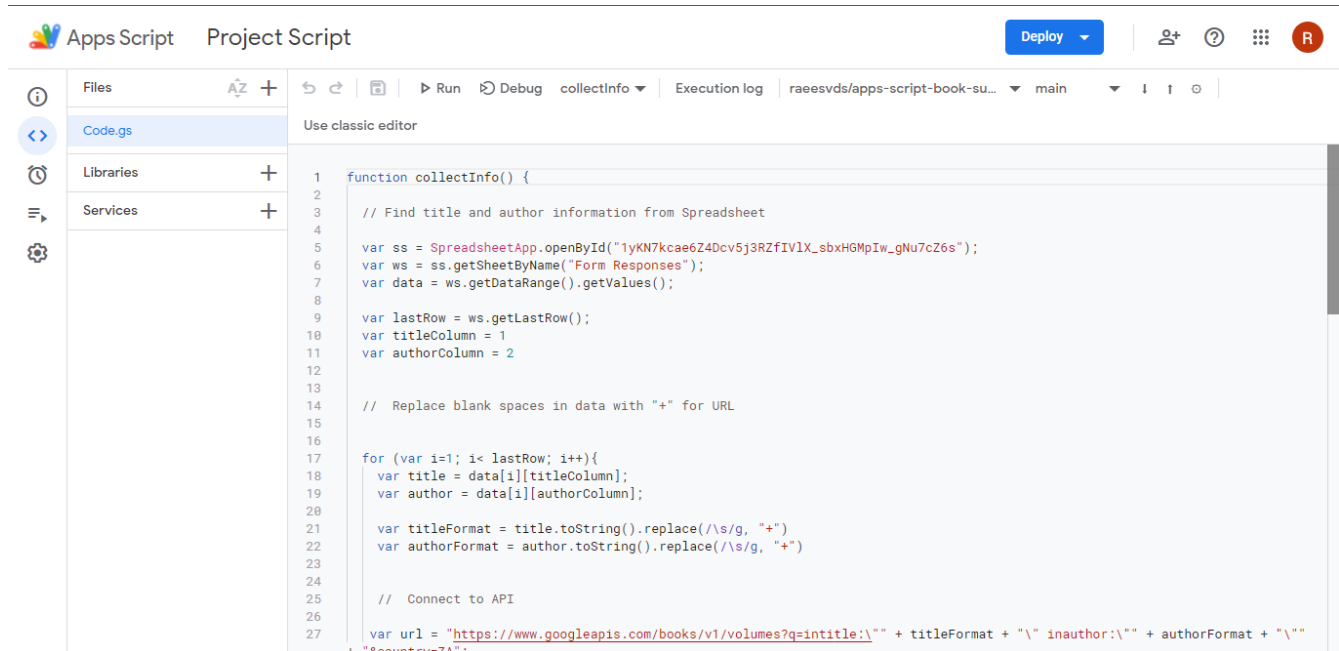
Description: {{description}}

Introducing pageless form

The pageless format allows you to add tables, and view documents without the page breaks. You can change the format for all documents from File → Page setup. [Learn more](#)

Create an Apps Script file inside your folder to begin the program

Find the exact source code at <https://github.com/raeesvds/apps-script-book-summary-generator/blob/main/Code.gs>



```
1 function collectInfo() {
2
3   // Find title and author information from Spreadsheet
4
5   var ss = SpreadsheetApp.openById("1yKN7kcae6Z4Dcv5j3RZfIVIX_sbxHGMpIw_gNu7cZ6s");
6   var ws = ss.getSheetByName("Form Responses");
7   var data = ws.getDataRange().getValues();
8
9   var lastRow = ws.getLastRow();
10  var titleColumn = 1;
11  var authorColumn = 2;
12
13
14  // Replace blank spaces in data with "+" for URL
15
16
17  for (var i=1; i< lastRow; i++){
18    var title = data[i][titleColumn];
19    var author = data[i][authorColumn];
20
21    var titleFormat = title.toString().replace(/\s/g, "+");
22    var authorFormat = author.toString().replace(/\s/g, "+");
23
24
25    // Connect to API
26
27    var url = "https://www.googleapis.com/books/v1/volumes?q=intitle:\\" + titleFormat + "\" inauthor:\\" + authorFormat + "\"";
```

The script uses a single function to:

- Get information from a spreadsheet
- Transform information into a URL
- Connect to the Google Books API to make a JSON request
- Sorts JSON data into useful variables
- Copies and renames a template document, replaces variables in the document with information from the API and saves it to a Summaries folder

****** If you copy the code as is you will need to find and replace the IDs of files/ folders with your unique IDs.

***** You may need to allow all permissions when running the program for the first time.

By the end of it you should have a folder that looks like this (:

My Drive > Books > Summaries

Files

Name

Page Count: 304

Publisher: One World

Date Published: 2019-02-12

Description:
At NEW YORK TIMES BESTSELLER, a more than one million copies sold, a "brilliant" (Laurie R. King, *Time*) "engaging" (Entertainment Weekly) "fascinating" (USA Today) memoir about coming of age during the twilight of apartheid, the starkness of childhood is told with all the heart and intellect that characterize his comedy, while illuminating a dark and brutal period in South African history that must never be forgotten."—Quartz Winner of the Thurston Prize for American Fiction and an NAACP Image Award's "most one of the best books of the year" by The New York Times, USA Today, San Francisco Chronicle, NPR, Chicago, Newsday, and Booklist. These No.1 critically path from apartheid South Africa to the best of the Daily Show began with a criminal act: his birth. Trevor was born to a white Swiss father and a

Born a Crime

Title: Harry Potter and the Deathly Hallows

Author(s): J. K. Rowling

ISBN #: 0595303758/0595303758

Average Rating: 5

Page Count: 758

Publisher: Arthur's Lexicon

Date Published: 2007

Description:
The seventh and final book of the blockbuster Harry Potter series follows the wizard's last year at Hogwarts School of Witchcraft and Wizardry. 12,000,000 first printing.

Harry Potter and the Deathly Hallows

Title: Harry Potter and the Philosopher's Stone

Author(s): J. K. Rowling

ISBN #: 0514080558

Average Rating: 5

Page Count: 303

Publisher: Random House Publishing

Date Published: 2014-07-09

Description:
Celebrate 25 years of Harry Potter magic! Harry Potter has never even heard of Hogwarts when the letters start dropping on the doormat at number four, Privet Drive. Addressed in green ink on yellowish parchment with a purple seal, they are swiftly confiscated by his grisly aunt and uncle. Then, on Harry's eleventh birthday, a great beetle-eyed giant of a man called Hagrid knock on his door with some astonishing news: Harry Potter is a wizard, and he has a place at Hogwarts School

Harry Potter and the Philosopher's Stone

Page Count: 302

Publisher: Simon and Schuster

Date Published: 2019-07-16

Description:
New York Times bestselling author Karen Roberts is back with an unflinching reminder: brother that will leave readers breathless. Fleeting criminal attorney Jessica Ford has done her best to comply with the orders of the State Service's unofficial witness protection program ever since she became the lone witness to the First Lady's murder. She changed her name, dyed her dark hair blonde, and traded her study backstreet glasses for contact lenses. Unfortunately, joining her first high-profile case for prestigious Washington, D.C. law firm Elia Hayes, and subsequently landing her face all over the news, is not exactly "keeping a low profile." Or so says herby David Davis agent Mark Ryan, whose recent assignment—despite Jane's stubborn protests—is keeping her safe at all costs. It just so happens he's also her ex-boyfriend. The line between Jane's secret world and the firm's elite

Justice

Happy Reading!