Instructions: SQL Challenge

Resource name	SQL Challenge
Description	This resource allows you to create a challenge whose resolution requires participants to enter an SQL query.
Usage requirements	Database in sqlite format.
Configuration options	
Issue	This option allows you to select the challenge's appearance using one of Bootswatch's themes: https://bootswatch.com/
Action after resolving	This option allows you to select the action that will be performed after solving the challenge. It can take the following values:

None	
Show message	Selecting this action will display a message to participants when they enter the correct sequence. The message can be customized using the "Message" option.

Background	This option allows you to change the default background. You can enter the URL of any image you have in your resource catalog.
Database URL	This option allows you to specify the URL of the database to be used in the challenge. It can be an external URL or from the resource catalog.
Qualification	This option allows you to specify the puzzle title.
Ask	This option allows you to specify the question to be answered or the challenge instructions, which will be displayed at the top after the title.
Initial consultation	This option allows you to specify a default query that will be displayed initially
Title of the consultation area	This option allows you to specify the title of the query area.
Placeholder for the query area	This option allows you to specify the help content for the query area.
Title of the results area	This option allows you to specify the title of the results area.

Placeholder for the results area	This option allows you to specify the initial content to be displayed in the results area before performing any query.
Title of the testing area	This option allows you to specify the title of the test area.
Testing area placeholder	This option allows you to specify the initial content to be displayed in the test area before performing any query.

Tests	This option allows you to specify each test to be performed.
	Each test requires a title and a JavaScript command that returns **true** (if the test passes) or **false** (if it fails). The available variables are columns, rows, and query, which allow you to check both query properties and results.
	
	Examples:
	1. Check if a column called 'Name' is returned
	`columns.includes('Name')`
	
	2. Check if one of the entries for the 'Name' column contains the term 'audiobooks'
	`const idx = columns.indexOf('Name'); if (idx === -1) return false;`
	`return rows.some(r => String(r[idx]).toLowerCase().includes('audiobooks')); }`
	
	3. Check if the query contains the word 'Playlist'
	`/\\bPlaylist\\b/i.test(query)`

Title of the information area	This option allows you to specify the title of the information area in the right panel.
Image	This option allows you to specify the image to display in the right panel.
Solution	The solution is a semicolon-separated list of 1s and 0s corresponding to each defined test. The number 1 represents a test evaluated as **true**, and the number 0 represents a test evaluated as **false**. Therefore, if completing the challenge requires passing three tests, for example, the solution should be "1;1;1".