Assignment 4 Instructions

Introduction

This assignment will help you learn and practice interactive DOM programming.

Please do this assignment on your own, and submit only your own work. Gaining experience with JavaScript and the web takes a lot of personal practice, and working on these problems yourself will help build your skill.

Submission

Please read and follow all instructions below carefully. If you have problems or questions, talk to your classmates or professor.

Instructions

Complete the code in src/js/index.js to make the table and menus interactive:

- add functionality to all of the stubbed-out functions/methods based on comments in the code.
- make it possible to click on any of the menu items and have the table's contents update to show the requested data. The table takes the following form:
- Flag - an <img> with the flag for the country. All flag images are located in src/flags/ and named according to the country code.
- Code - a string with the country's code
- Country/Dep. Name - a string with the name of the country. This will either be in English, or whatever language the user requests.
- Continent - a string with the continent for this country
- Area (Km2) - a number with the area in square km
- Population - a number with the population of the country
- Capital - a string with the name of the country's capital

All country data comes from src/js/countries-data.js (see this file for format details). The complete array of countries is available via countries.all in src/js/index.js.

Here is an example of what the table might look like:

List of Countries and Dependencies – Country/Dep. Name in Chinese (中文) ⟸

Flag	Code	Country/Dep. Name	Continent	Area (Km^2)	Population	Capital
	AF	阿富汗	Asia	652230	35530081	Kabul
	AL	阿尔巴尼亚	Europe	28748	2930187	Tirana
	DZ	阿尔及利亚	Africa	2381741	41318142	Algiers
	AD	安道尔	Europe	468	76965	Andorra la Vella
	AO	安哥拉	Africa	1246700	29784193	Luanda
	AI	安圭拉	Americas	91	14909	The Valley
	AQ	南极洲	Antarctica	14000000		Antarctica
	AG	安提瓜和巴布达	Americas	442	102012	St. John's
	AR	阿根廷	Americas	2780400	44271041	Buenos Aires
	AM	亚美尼亚	Asia	29743	2930450	Yerevan
	AW	阿鲁巴	Americas	180	105264	Oranjestad
	AU	澳大利亚	Oceania	7692024	24450561	Canberra
	AT	奥地利	Europe	83871	8735453	Vienna
	AZ	阿塞拜疆	Asia	86600	9827589	Baku
	BS	巴哈马	Americas	13943	395361	Nassau

Finally, make sure you update src/index.html and src/honesty.html with your name and information.

Submitting your Assignment

You can upload and submit the assignment4.zip to Blackboard.