Homework/Lab Assignment 10 - Working with the DOM and Event-handling

Implement code solutions for the following and be sure to use "use strict":

- 1. Download the attached hcmc-website.zip file, which contains an implementation of web application for a fictional hospital named, Holy Cross Medical Center (See sample screenshot pasted below). Unzip the file, load/open the webapp code in your IDE or Code Editor tool and implement the following features:
 - a. Using JavaScript and the DOM API, implement code to register the 3 sample patients' data listed below. Your code should append/display the data in a table at the bottom of the page, when the "Register Patient" button is clicked and the form is submitted, as shown in the sample screenshot further below. The user should be able to register many patients' data and see them listed on the webpage.

Sample Patients' Data for submission to test/demonstrate your web application:

Patient 1:

Patient ID Number: EP-001-000001,

First Name: Ana, Middle Initial(s): J, Last Name: Smith,

Date of birth: 5 January 1945

Department: Ear, Nose and Throat,

Is out-patient?: No

Patient 2:

Patient ID Number: P-001-000002,

First Name: Bob, Middle Initial(s): K, Last Name: Jones,

Date of birth: 4 May 1985 Department: Cardiology,

Is out-patient: Yes

Patient 3:

Patient ID Number: EP-001-000003,

First Name: Carlos, Middle Initial(s): A, Last Name: Hernandez,

Date of birth: 13 March 1957 Department: Cardiology,

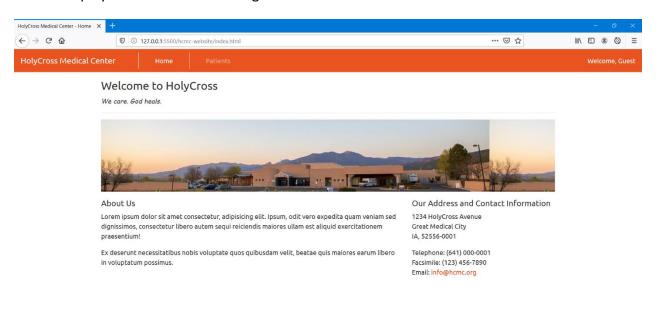
Is out-patient: Yes

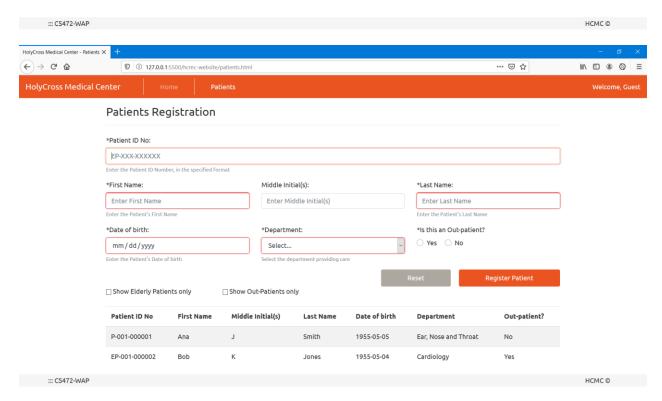
b. Implement code such that when the user selects/checks the checkbox labelled, "Show Elderly Patients only", the data table will display only data for the Elderly Patients. And when the user deselects/unchecks the checkbox labelled, "Show Elderly Patients only", the data table will redisplay all the Patients data again. **Note**: The criterion for determining which Patient is considered an Elderly Patient is given as follows:

An Elderly Patient is any patient who is of age, 65 or older.

c. Implement code such that when the use selects/checks the checkbox labelled, "Show Out-Patients only", the data table will display only data for the Out-Patients. And when the user

deselects/unchecks the checkbox labelled, "Show Out-Patients only", the data table will redisplay all the Patients data again....





Please submit your code as a single zip file attachment to Sakai and/or push it to your github repository.

//-- Enjoy! --//