CSCI 215: Website Programming

Lab 03: Variables, Functions, and Calculations (50 points)

Assignment

Compute the conversion of the American dollar to the British Pound, Euro, Estonian Kroon, Canadian Dollar, and Chinese Yuan.

When finished, **only** upload the completed behavior.txt file to Dropbox.

Have fun, and good luck!

Task 1: Global Variable

Create an image array named I and initialize 5 elements to the following string values

- index position 0: 'http://munsellb.people.cofc.edu/img/pound.jpeg'
- index position 1: 'http://munsellb.people.cofc.edu/img/euro.jpeg'
- index position 2: 'http://munsellb.people.cofc.edu/img/kroon.jpeg'
- index position 3: 'http://munsellb.people.cofc.edu/img/canadian.jpeg'
- index position 4: 'http://munsellb.people.cofc.edu/img/yuan.jpeg'

Task 2: convert function

Create a function named `convert` that has no parameters.

Inside this function create the following local variables:

- Variable named `dollar` that is initialized to
  `document.getElementsByName("dollars")[0].value`

- Variable named `selectedElement` that is initialized to
  `document.getElementById('currency')`

- Variable named `exchangeRate` that is initialized to
  `selectElement.value`

- Variable named `index` that is initialized to `selectElement.selectedIndex`

- Variable named `currency` that is initialized to `selectElement.options[index].text`

After the above variables have been created, call a function named `updateExchange` and pass (in-order) these four arguments: `dollar`, `exchangeRate`, `currency`, and `index` (i.e. the variables created above)

Task 3: calculate function

Create a function named `calculate` that has two parameters: first parameter named `dollar`, and second parameter named `exchangeRate`.

Inside this function multiply `dollar` times `exhangeRate` and then return the value.

Zip file (L3.zip)

Contains the following txt files (that can be loaded into jsFiddle)
- presentation.txt (styles)
- structure.txt (html)
- behavior.txt (javascript)