

Homework 6: Server-Side Scripting

Grading Guidelines

Graders will test your homework **only on Firefox**.

Grading Guidelines:

Search Form (3 points in total)

- The initial webpage with proper fields in the search form, along with “Congress Information Search” header and the reference link to Sunlight Foundation. **(1.0 point)**
 - For each missing or incorrect field or link, 0.25 point will be deducted.
- Validation for the search inputs, the error message should indicate which fields are missing. **(0.5 point)**
 - If there is not error message for invalid input, 0.5 will be deducted.
 - If the error message does not indicate the name of missing fields, 0.25 will be deducted.
- “Clear” button resets the search form to the initial state and clears the results area. **(0.5 point)**
 - For each not correctly reset or cleared field, 0.25 point will be deducted.
- When “Search” button clicked, the page maintains the previous input values after displaying results table. **(0.5 point)**
 - For each not correctly maintained field, 0.25 point will be deducted.
- After choosing a Congress Database, the text “Keyword*” in the form should be replaced with corresponding text. **(0.5 point)**
 - For each not correctly replaced case, 0.25 point will be deducted.

PHP Script (7 points in total)

- Search Result of Legislators (4 points)
 - Show the legislators information retrieved from API service in a tabular format as described in the homework description. **(2.0 points)**
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value, 0.25 point will be deducted.
 - Show the legislator detail information correctly. **(1.0 point)**
 - For each missing row/image in the table, 0.25 point will be deducted.
 - For each incorrect row/image, 0.25 point will be deducted.
 - Handle the case when the API service returns an empty result set. **(0.5 point)**
 - Handle the two different cases of searching by the full name of a state and by representative name. **(0.5 point)**

- If displays incorrect result for searching by the full name of a state, 0.5 point will be deducted.
 - If displays incorrect result for searching by representative name, 0.5 point will be deducted.
- Search Result of Committees (1 points)
 - Show the committees information retrieved from API service in a tabular format as described in the homework description. (0.75 point)
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value, 0.25 point will be deducted.
 - Handle the case when the API service returns an empty result set. (0.25 point)
- Search Result of Bills (1 points)
 - Show the bills information retrieved from API service in a tabular format as described in the homework description. (0.50 point)
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value, 0.25 point will be deducted.
 - Show the bill detail information correctly. (0.25 point)
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value, 0.25 point will be deducted.
 - Handle the case when the API service returns an empty result set. (0.25 point)
- Search Result of Amendments (1 points)
 - Show the amendments information retrieved from API service in a tabular format as described in the homework description. (0.75 point)
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value, 0.25 point will be deducted.
 - Handle the case when the API service returns an empty result set. (0.25 point)

Sample Test Values:

- For Legislators Search
 - State Full Name: Washington
 - Representative Name: boxer
- For Committees Search
 - Committee ID: SSGA18
- For Bills Search
 - Bill ID: s3271-114
- For Amendments Search
 - Amendment ID: samdt4946-114