Test Summary

In this assessment, you will code a JS web application that fetches JSON data and searches through the file's contents to provide dynamic output.

Test Files

Please download and unzip Test2V1.zip from the Test 2 link. Review the JSON data and HTML code. Note that the boilerplate code for fetching data is in the JS file.

Test Challenges

PART A: Search and simple output formatting (18 marks)

In this challenge, you are asked to find all beer in the JSON data that matches the user's selection for actively brewed status and the IBU criteria (ibu value is greater than…). Output the beer name and IBU value to the web document, arranged in descending fashion by IBU. Here are 2 sample outcomes for this challenge:

☑ Actively Brewed?	☐ Actively Brewed?
IBU Greater Than... [50] [Find Beer]	IBU Greater Than... [50] [Find Beer]
Megalodon Pale Ale-99 Hyote Chocolate Stout-78 Buru's Barley Wine-76 Mahamba Barley Wine-57	Snallygaster Pale Ale-89 Sigbin Stout-65

PART B: Search shown with complex output formatting (7 marks)

You will keep the same search conditions in place for this part, but you will change the output strategy to include an alpha-sorted bullet list of flavors for each matching beer as follows:

☑ Actively Brewed?

IBU Greater Than... [75] [Find Beer]

Megalodon Pale Ale-99

- bread
- hops
- pine

Hyote Chocolate Stout-78

- caramel
- chocolate

Buru's Barley Wine-76

- bourbon
- dried fruit
- raisin

*** End of test. Please compress your work and upload it to BlackBoard using the Test 2 link ***