

## 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 Test2V3.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 Challenge

You are asked to search through the JSON file in this project to find cities where all their recorded temperatures are higher than the user-specified minimum value. If you obtain matches on the search condition, create the following output; otherwise, output a no match found message:

**Toronto:**  
  
Temperatures: 7 9 11 19 21 29 34  
Avg Temp: 18.57

**Victoria:**  
  
Temperatures: 7 11 11 12 16 17 20  
Avg Temp: 13.43

- City names are surrounded by a heading tag
- Temperatures are sorted A-Z and separated by a space
- The average temperature is calculated for each matching city

Figure 1: matches are found

Enter a minimum temperature:

No cities match your search condition

Figure 2: no matches are found