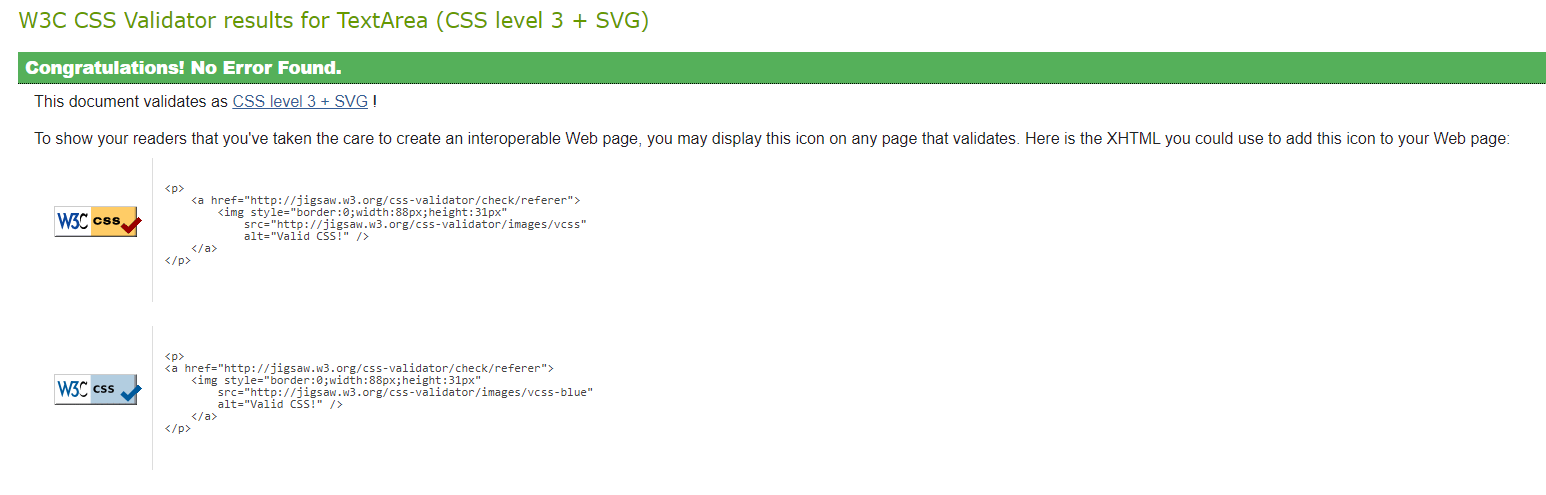
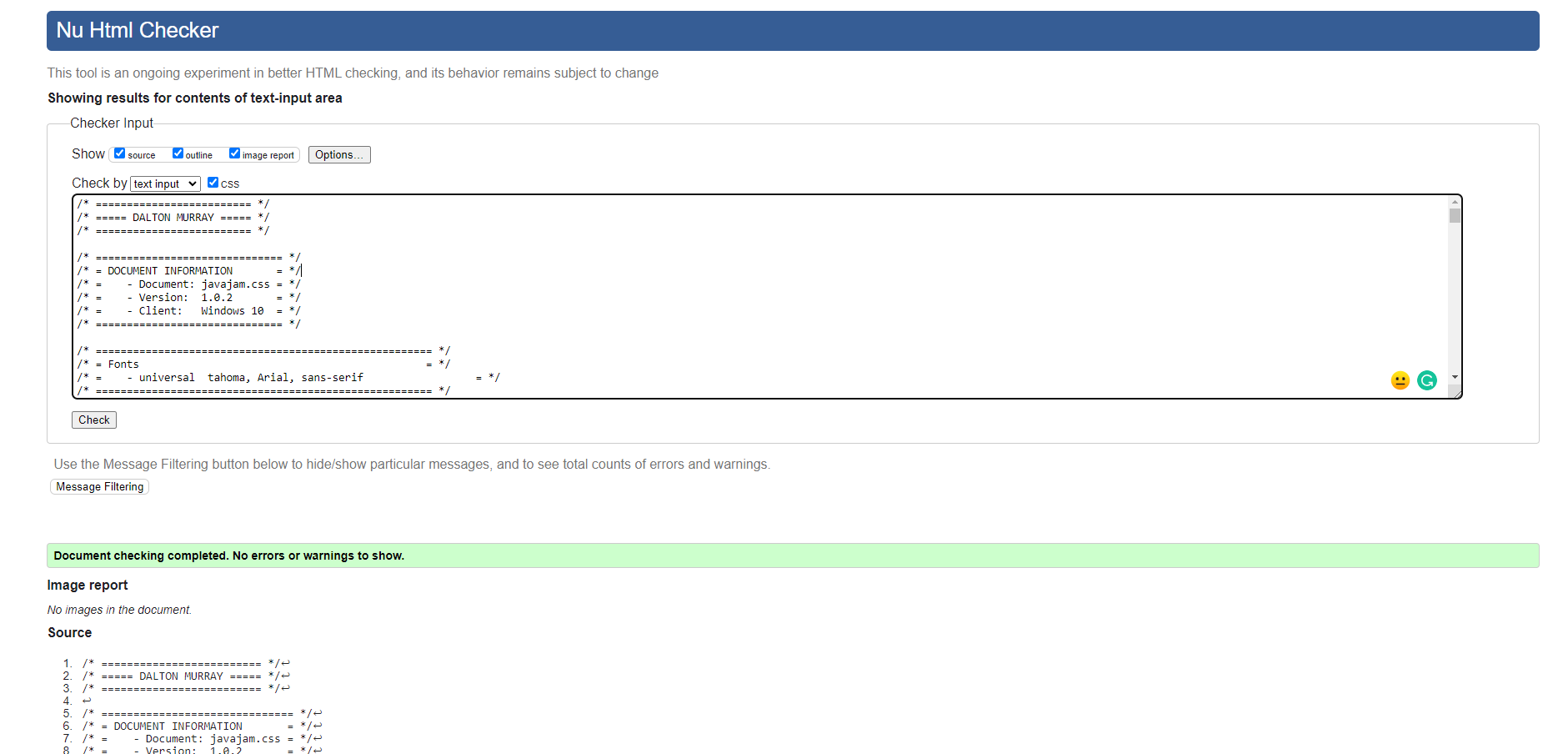
Dalton Murray

Chapter 10 Testing

|  |  |  |  |
| --- | --- | --- | --- |
| **Document Validation** | | | |
|  | **Pass** | **Fail** | **Notes** |
| CSS Validation | Pass |  | See [CSS Validation](#CSS) |
| HTML Validation | Pass |  | See [HTML Validation](#HTML) |
| Accessibility | Pass |  | See [Accessibility Testing](#Accessibility) |
| SEO | Pass |  | See [Testing/Improvements](#Testing) |

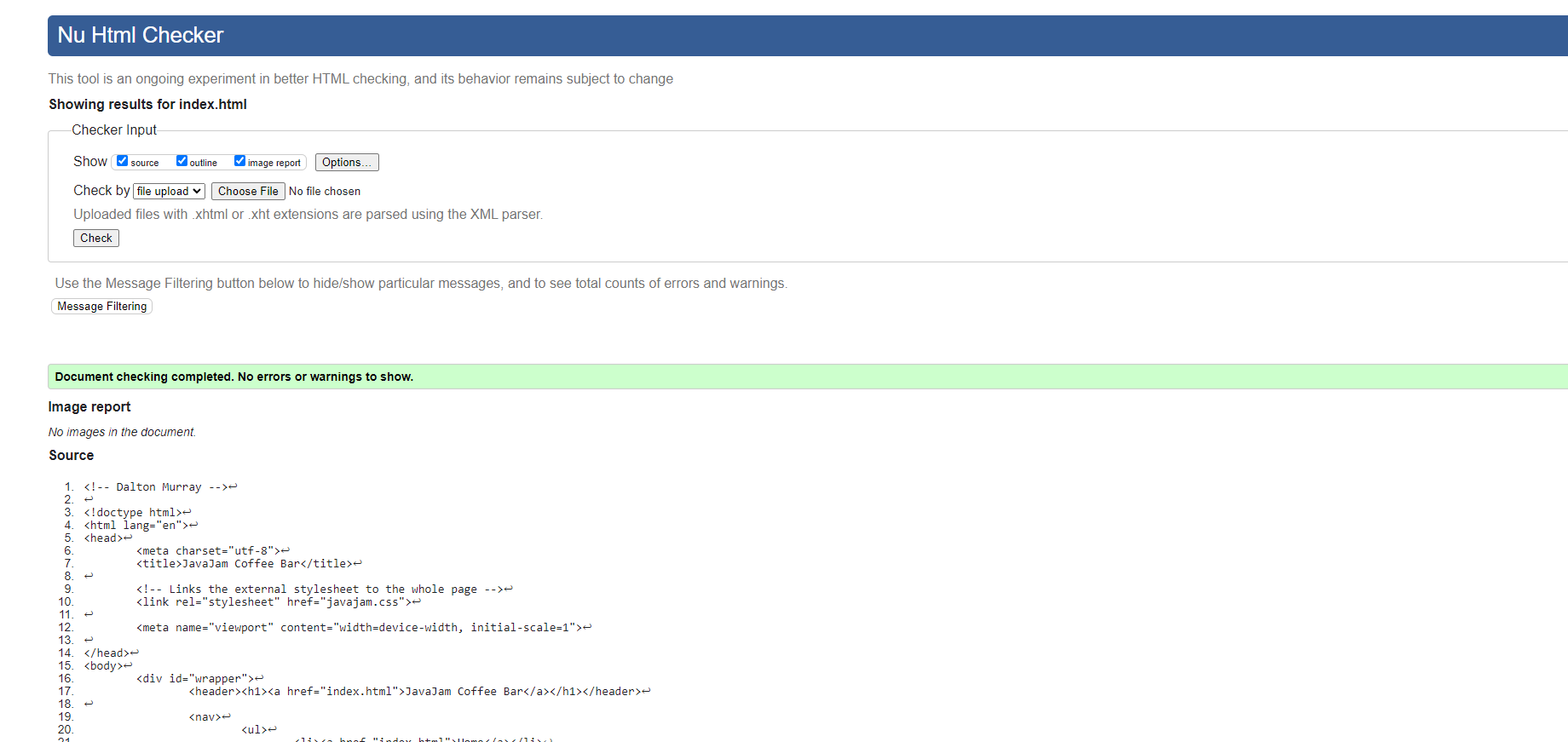
**CSS Validation –**

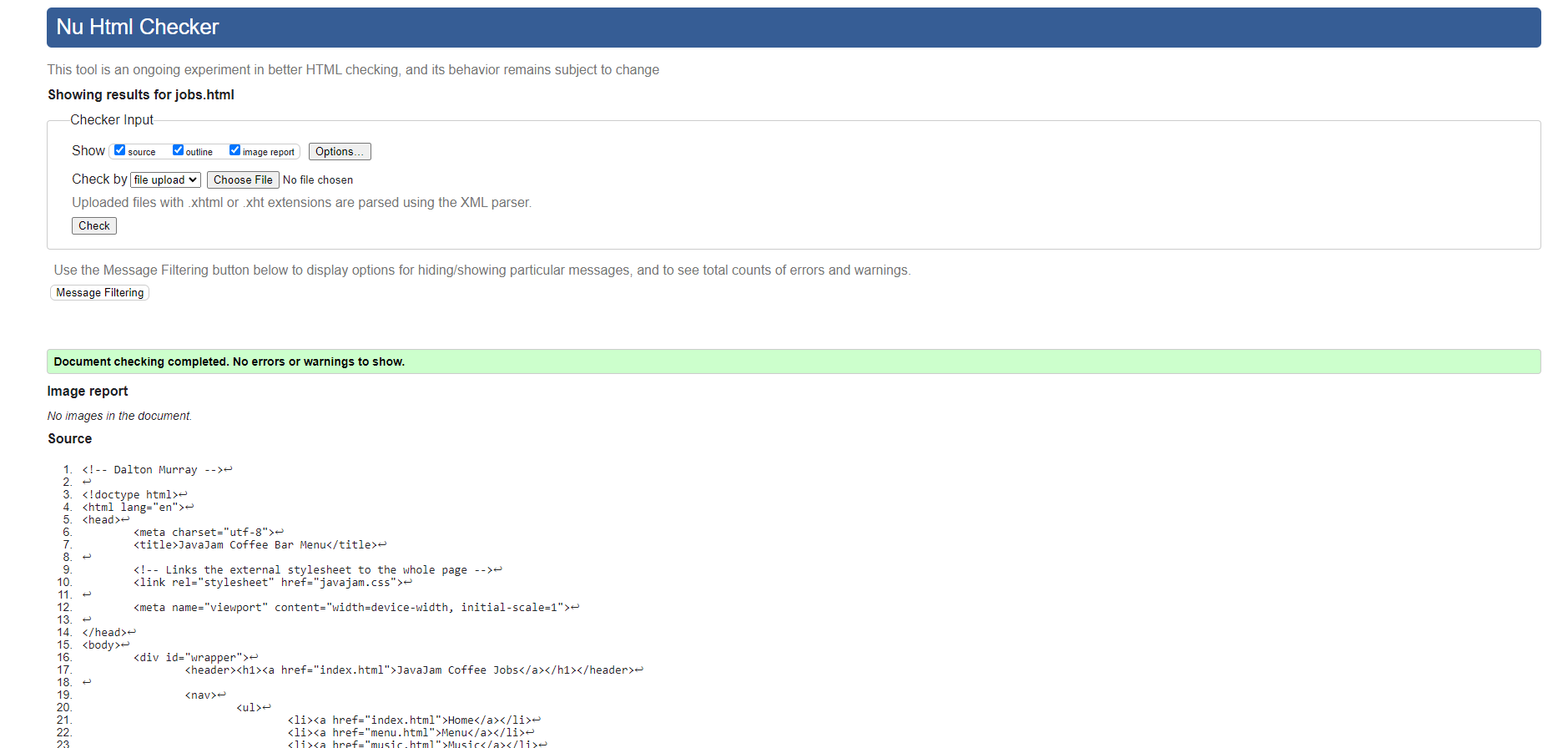
I have both visually checked the CSS code for any errors on each web page with varying resolutions and browsers and checked it physically by looking at the CSS code itself. I have also ran the CSS code through two different validators, as confirmed by the following screenshots from W3Schools (<https://validator.w3.org/nu/#textarea>) and Jigsaw (<https://jigsaw.w3.org/css-validator/validator>) owned by W3Schools but does the same thing to confirm.

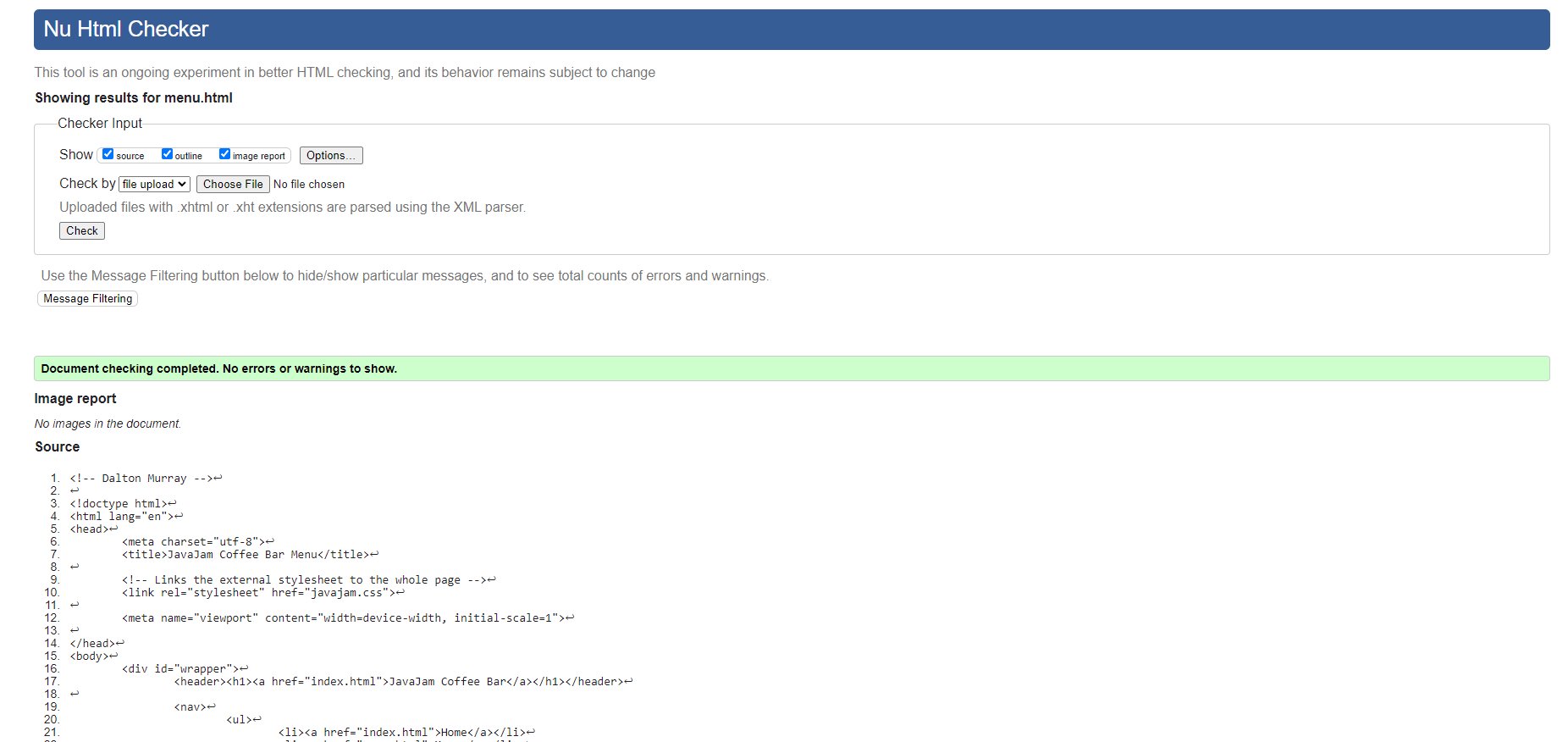


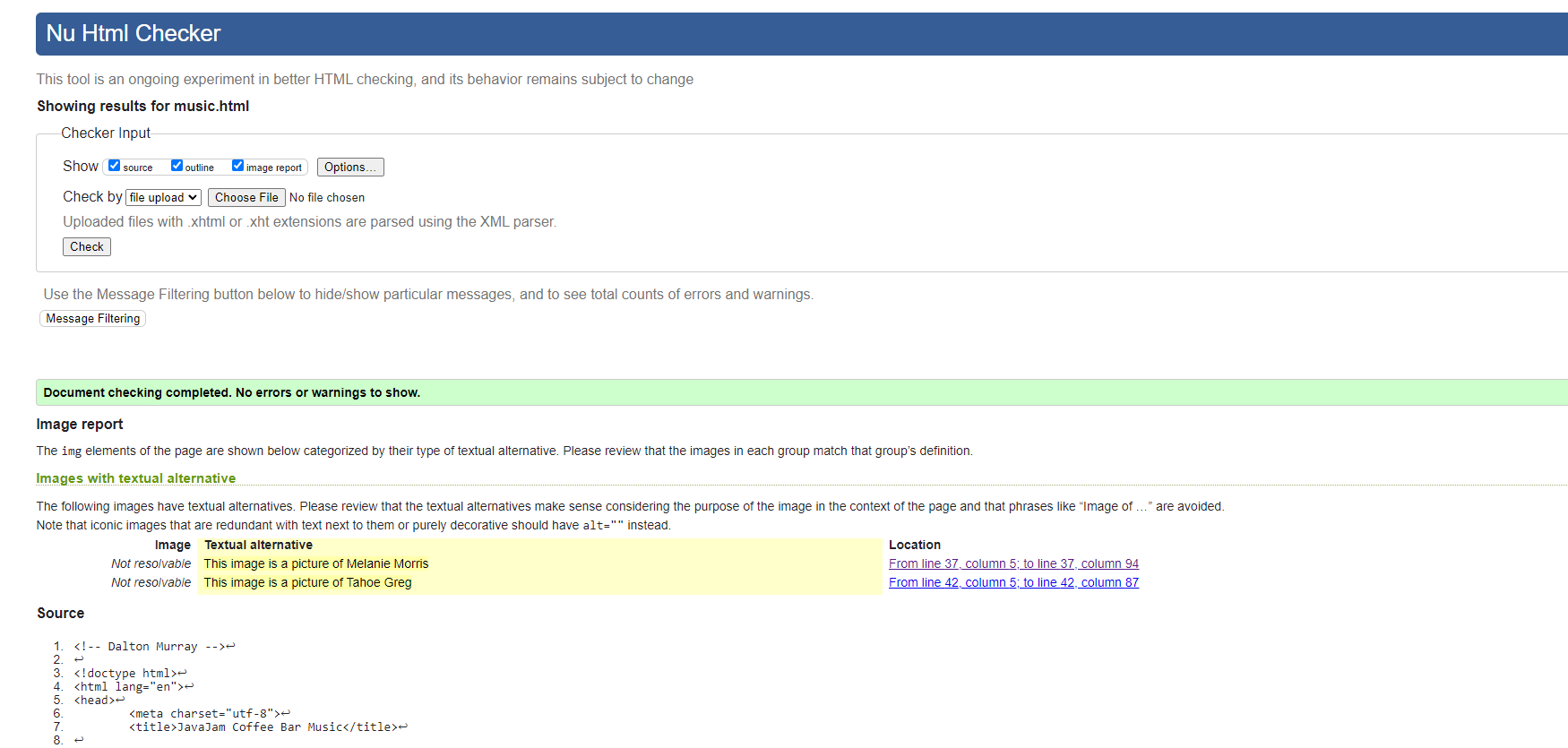
**HTML Validation –**

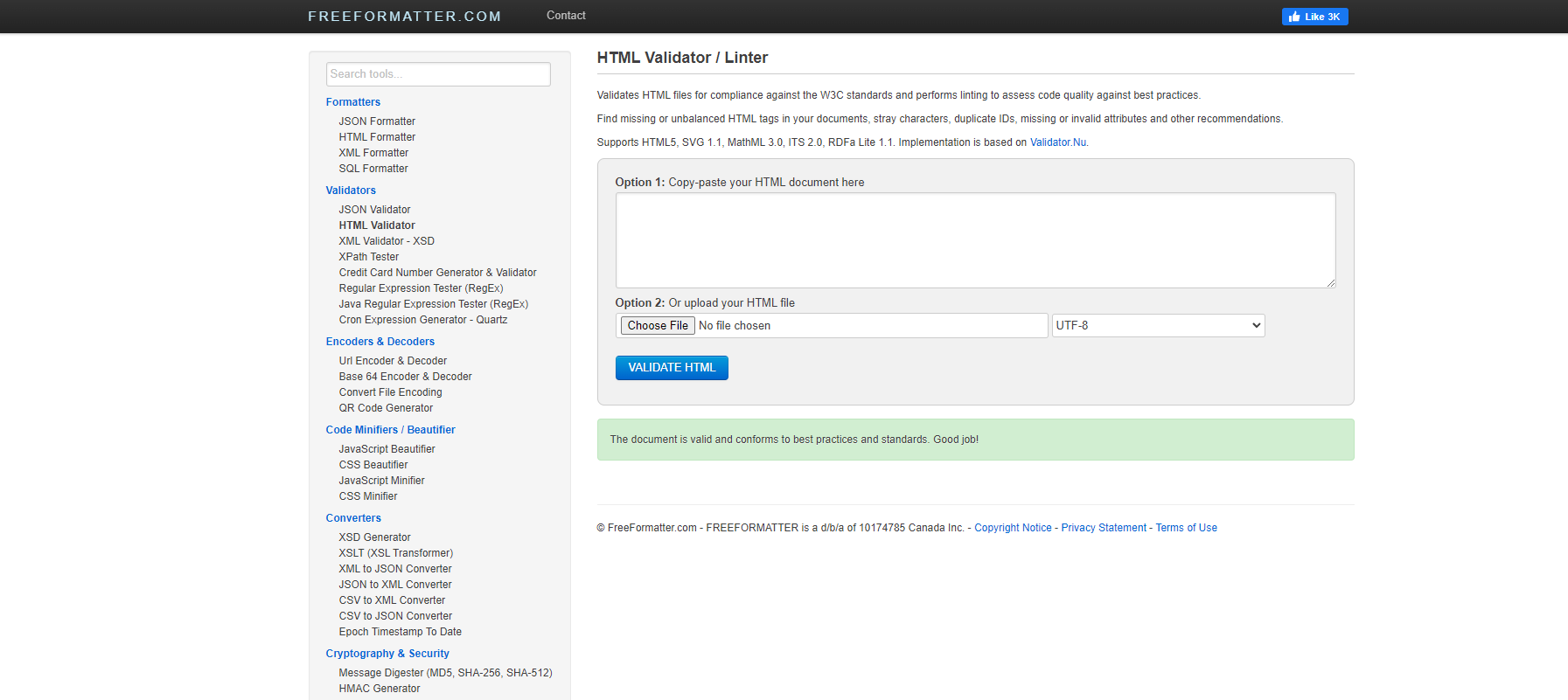
I have also both visually checked the HTML code for any errors on each web page, with varying resolutions, and browsers. I have checked both to ensure that it looks and works how it was intended to work. I have ran all the HTML code through W3Schools html validator (<https://validator.w3.org/nu/#l37c94>) as well as Freeformatter (<https://www.freeformatter.com/html-validator.html>).











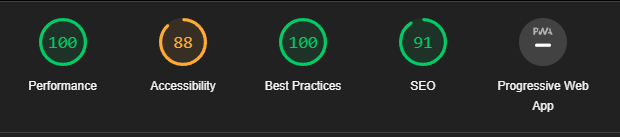
**Accessibility Testing –**

During my accessibility testing period, I ensured that all images had alternative available text, as well as I ensured that I followed all standard accessibility practices where possible. Unfortunately, due to the strict guidelines/requirements of the book, some things I wouldn’t be able to change in order to fully establish accessibility.

**Testing/Improvements -**

While I thoroughly tested the website to make sure that everything works, such as links, I have brought up some suggested improvements. Unfortunately, because I am supposed to follow all the things that are in the book, I am limited in what I can change if I am supposed to make sure it looks like how the book shows it and code it similarly.

* One of the improvements which I have made are changing how some of the images look to appear better in different browsers with different resolutions
* The website is very simple and easy to navigate, however, there isn’t much actual content
* Although there are required media selectors (600px and 1024 px) I would recommend still making it fully responsive so it can scale/work/look good in every resolution such as wide screen monitors
* The menu off to the side looks quite empty, this could be due to a lack of content or due to how we are told to make it look
* I have also made some minor changes while progressing through the chapters so that it looks more professional in coding
* The website itself also isn’t very search engine optimized
* The jobs page is lacking crucial features such as what positions are available, if any, and the ability to attach a resume
* Images of the physical location of the store so people know what they are looking for
* On top of having their own page for store locations, an embedded google iframe would be beneficial
* Some way to communicate better with customers if there are any promotions or deals going on for them to sign up for an emailing list
* There are also no store hours available, on top of the store location page, adding store hours to each location would be helpful for customers
* Having some sort of customer registration for points would be an incentive to get customers

I have also ran a Google Lighthouse check on the web pages, and there are some issues. The accessibility score is an 88 and the SEO score is a 91.

Usability Testing/Scenarios:

1. Someone has heard of a place called JavaJam and they want to figure out where they are at, so they are able to go to their physical location and enjoy their drinks/food.
   1. The person is able to immediately find the physical location of the store on the first page/home page of the website
      1. The store location does not stand out and is not different than regular text
         1. It is recommended that there be a separate page for store locations
2. A person is looking for jobs to be a barista at and have heard about JavaJam and wanted to look at their website
   1. They notice that there is a jobs page and go to it immediately
      1. The jobs page does not tell them if any jobs are available, however, they fill out the form anyways, making sure to include their experiences in the text area
         1. They are disappointed they couldn’t put in their resume, and the store, JavaJam, may not be able to hire the impressive staff member they are looking for
3. A customer has been looking at the website and noticed on the menu page they reference something called a “mug club” which offers 10% discounts
   1. It says to ask the barista for details; however, they would like to sign up online
      1. There is no way to signup digitally for any sort of rewards program such as the “mug club”
         1. The customer wants more incentives to be a customer there