

1. **Warning** Consider avoiding viewport values that prevent users from resizing documents.  
From line 5, column 1; to line 5, column 107  
-="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no"><titl
2. **Error** Bad value JavaScript for attribute rel on element link: The string JavaScript is not a registered keyword.  
From line 8, column 1; to line 8, column 40  
yle.css"><link rel="JavaScript" href="JS/sjl1.js"><link
3. **Error** Bad value Assets for attribute rel on element link: The string Assets is not a registered keyword.  
From line 9, column 1; to line 9, column 34  
/sjl1.js"><link rel="Assets" href="assests">></he
4. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 14, column 50; to line 14, column 85  
ex.html" ></a>>
5. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 48, column 18; to line 48, column 47  
"banner"> </a>>
6. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 57, column 6; to line 57, column 41  
>>
7. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 71, column 6; to line 71, column 41  
>>
8. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 96, column 6; to line 96, column 42  
>>
9. **Error** An img element must have an alt attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 109, column 6; to line 109, column 42  
>>
10. **Error** The element main must not appear as a descendant of the footer element.

10. **Error** The element `main` must not appear as a descendant of the `footer` element.  
From line 123, column 3; to line 123, column 20  
`footer>` `<main role="main">`
11. **Error** A document must not include more than one visible `main` element.  
From line 123, column 3; to line 123, column 20  
`footer>` `<main role="main">`
12. **Warning** The `main` role is unnecessary for element `main`.  
From line 123, column 3; to line 123, column 20  
`footer>` `<main role="main">`
13. **Warning** The `name` attribute is obsolete. Consider putting an `id` attribute on the nearest container instead.  
From line 136, column 4; to line 136, column 69  
`a</h2>` `<a name="twitter" href="https://twitter.com/nike" target="_blank">` `<i`
14. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 137, column 4; to line 137, column 34  
`lank">` `` `</`
15. **Warning** The `name` attribute is obsolete. Consider putting an `id` attribute on the nearest container instead.  
From line 139, column 4; to line 139, column 71  
`</a>` `<a name="Facebook" href="https://facebook.com/nike" target="_blank">` `<i`
16. **Warning** The `name` attribute is obsolete. Consider putting an `id` attribute on the nearest container instead.  
From line 139, column 4; to line 139, column 71  
`</a>` `<a name="Facebook" href="https://facebook.com/nike" target="_blank">` `<i`
16. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 140, column 4; to line 140, column 35  
`lank">` `` `</`
17. **Warning** The `name` attribute is obsolete. Consider putting an `id` attribute on the nearest container instead.  
From line 142, column 4; to line 142, column 78  
`</a>` `<a name="Youtube" href="https://www.youtube.com/user/nike" target="_blank">` `<i`
18. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 143, column 4; to line 143, column 34  
`lank">` `` `</`
19. **Warning** The `name` attribute is obsolete. Consider putting an `id` attribute on the nearest container instead.  
From line 145, column 4; to line 145, column 72  
`</a>` `<a name="Instagram" href="http://instagram.com/nike" target="_blank">` `<i`
20. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 146, column 4; to line 146, column 36  
`` `</`

21. **Error** End tag `footer` seen, but there were open elements.

From line 149, column 5; to line 149, column 13

`/div>` `</footer>` `</mai`

22. **Error** Unclosed element `div`.

From line 123, column 44; to line 123, column 60

`ontainer"><div class="row">`

23. **Error** Unclosed element `div`.

From line 123, column 21; to line 123, column 43

`le="main"><div class="container"><div c`

24. **Error** Unclosed element `main`.

From line 123, column 3; to line 123, column 20

`footer>` `<main role="main"><div c`

25. **Error** Stray end tag `main`.

From line 149, column 15; to line 149, column 21

`</footer>` `</main>` `>` `>`

These are images of the W3C test

1. **Warning** Consider avoiding viewport values that prevent users from resizing documents.  
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="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=yes"><titl
2. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 13, column 50; to line 13, column 85  
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3. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 47, column 18; to line 47, column 47  
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From line 56, column 6; to line 56, column 41  

5. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 70, column 6; to line 70, column 41  

6. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 95, column 6; to line 95, column 42  

7. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 108, column 6; to line 108, column 42  

8. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 137, column 4; to line 137, column 34  
lank"></
9. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 140, column 4; to line 140, column 35  
lank"></
10. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 143, column 4; to line 143, column 34  
lank"></
11. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 146, column 4; to line 146, column 36  
lank"></

This is the W3C test after fixing most of the issues stated above.

### **Strengths and weaknesses of current web specifications:**

One of the strengths of the current web specifications would be that they help reduce development time when producing a website as less maintenance is required compared to the old web standards. This is true as instead of multiple versions of code being needed for multiple browsers only one version is required for all browsers.

A limitation of the web standards and specifications is that more knowledge is required to develop a website, including an understanding of web interoperability and what works with certain browsers. Web standards can also limit creativity of websites as developers must adhere strictly to the web standards and specifications.

#### **Method:**

To meet the current web standards the HTML markup has been implemented using multiple of the latest HTML elements which allows future functionality, for example the use of <footer> and <nav>. The website has also been tested for interoperability, in multiple web browsers for example Edge, Chrome and IE This can be seen in the Demo video on the website.

To meet current web standards CSS3 has been used throughout and applied via an external stylesheet which is linked to the HTML.

```
<title>NIKE </title>
<link rel="stylesheet" href="CSS/Style.css">

</head>
<nav class="navbar navbar-expand-md navbar-dark fixed-top bg-dark">
```

*Figure 1. Showing use of <nav> and external link to stylesheet.*