



Front End Technologies Week 8 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Style the website you made last week using CSS. Below are the requirements:
 - a. Use only external CSS file (no internal or inline styling)
 - b. Every element must be styled
 - c. Create style rules using class, id, and element selectors



PROMINEO TECH

Screenshots of Code:

```
# styles.css > ...
1  /* This was to give my pages a neutral background and change up the font to
2     something distinctive but still legible.*/
3  body {
4      background-color: #beige;
5      font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif
6  }
7  /*Here I have styled various elements.*/
8  h1, h2 {
9      color: red;
10 }
11
12 h3 {
13     color: black;
14 }
15
16 div {
17     padding: 10px;
18     border: solid;
19     border-radius: 5px;
20     border-color: green
21 }
22
23 img {
24     float: right;
25     border: solid;
26     border-color: black;
27 }
28
29 .comp-img {
30     float: top;
31 }
32
33 a:hover {
34     color: rgb(15, 230, 26);
35 }
36
37 a {
38     color: green;
39 }
40 /* Here I styled my links with a default color and a hover color. */
41 a:link {
42     color: green;
43 }
44
45 a:hover{
46     color: red;
47 }
48 /*Here I styled my table and I added a hover that highlighted the entire row.*/
```



PROMINEO TECH

```
# styles.css > ...
49   th, td {
50     padding: 15px;
51     text-align: left;
52   }
53
54   tr:hover {
55     background-color: coral;
56   }
57   /* I decided to do something a little animated for the "SIGN-UP!" text above my form with pure CSS*/
58   .waviy {
59     position: relative;
60     text-align: center;
61   }
62
63   .waviy span {
64     position: relative;
65     display: inline-block;
66     font-size: 40px;
67     color: rgb(236, 9, 9);
68     text-transform: uppercase;
69     animation: flip 2s infinite;
70     animation-delay: calc(.2s * var(--i))
71   }
72
73   @keyframes flip {
74     0%,80% {
75       transform: rotateY(360deg)
76     }
77   }
78   /*Here I just wanted to demonstrate that I knew also how to style something using the element identifier.*/
79   #special {
80     font-size: x-large;
81     color: rgb(236, 9, 9);
82   }
83   /*Who knew that my research assignment would directly impact my code for this week?? I employed "clearfix" pseudo-class
84   in order to make sure that my images fit into their appropriate divs.*/
85   .clearfix::after {
86     content: "";
87     clear: both;
88     display: table;
89   }
90
91   ol, ul {
92     align-items: flex-start;
93     list-style-position: inside;
94   }
95
```



PROMINEO TECH

```
<> index.html > html > body.body
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ivan the Terrible</title>
8      <link rel="stylesheet" href="styles.css">
9  </head>
10 <body class="body">
11     <!-- Here I am using two different heading styles. My html/css-based website is a revisionist history
12     of Tsar Ivan IV, nicknamed "The Terrible". It's a bit tongue-in-cheek but has real data.-->
13     <h1>How "Terrible" Was Tsar Ivan IV?</h1>
14     <h3>A Contextual Analysis with Objective Criteria</h3>
15     <div class="clearfix">
16         
17         <p>Of all the world leaders throughout Western Civilization, very few are more despised and feared
18         than Ivan the Terrible, first "Tsar" of the lands of ancient Russia. But does Tsar Ivan <i>deserve</i>
19         such a title, or is this an example of a tall tale, unjustly besmirching an effective medieval
20         ruler?
21     </p>
22     </div>
23
24     <div>
25         Navigate to learn more about Tsar Ivan IV:
26         <ol>
27             <li><a href="index.html">Title Page</a></li>
28             <li><a href="page2.html">Tsar Ivan's Reign</a></li>
29             <li><a href="page3.html">A Comparison with Other Rulers</a></li>
30             <li><a href="page4.html">Join the Tsar Ivan the Terrible Fandom!</a></li>
31         </ol>
32     </div>
33
34 </body>
35 </html>
```



PROMINEO TECH

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Ivan the Terrible</title>
8   <link rel="stylesheet" href="styles.css">
9 </head>
10 <body>
11   <div>
12     Tsar Ivan's Reign</h2>
14     <h3>"Terrible" means "Dread" or "Awesome"</h3>
15     <p>Let's start with his traditional title, грозный ("grozny"), translated as "Terrible." But
16       this is an example of an archaic nickname changing connotations over time. In the 16th
17       century, this name meant "Awesome," "Strong," or even "Menacing-to-his-enemies." It was a
18       typical royal epithet, meant to describe his physical prowess (he was an enormous man and
19       very athletic) as well as his effectiveness as a military leader.
20     </p>
21     <p>Under Tsar Ivan the Terrible's reign, the Russian State expanded tripled in size, thanks,
22       in no small part, to the political and military leadership of the Tsar. He reformed local
23       government, preserving both monarchical principles accepted at that time, as well as
24       democratic ones. His "zemstvo" reforms provided for direct elections of local office-holders.
25     </p>
26     <p>The Tsar was not content to give his subjects local control over their authorities, however.
27       He also instituted a form of free primary public education, accessible to everyone. He also
28       opened the first printing press in Russia, and published a ten-volume national history.
29     </p>
30     <p>But what of the deaths and tortures?</p> you may be wondering. How did he have the time for all of
31       these progressive projects for social betterment when he was so busy coaxing coerced confessions
32       out of nobles unfortunate enough to have look at him the wrong way?
33     </p>
34     <p>History is an inexact science. We rely upon witness testimony and physical evidence when peering through
35       the dark glass of time. The fact of the matter is that the overwhelming majority of the juicy gossip
36       about Tsar Ivan IV comes from his bitter enemy— a general who betrayed the Tsar and changed loyalty to
37       the Lithuanian Kingdom. For this reason, many objective historians believe that these are complete fabrications.
38     </p>
39     <p>But this factor— the obvious bias of the sole witness— has been plain knowledge from the beginning. Why,
40       then, has Western historiography continued to portray Ivan IV not simply as "Terrible", but "Horrible"? One
41       distinct possibility is that longstanding Anglo-Russian geopolitical hostilities have skewed the historical
42       scholarship writing in English. <a href="https://www.jstor.org/stable/24657758"></a></p> How We Know What We Know about Ivan the Terrible:</p> is an
43       paper for more in-depth reflection on this historical personage.</p>
44   </div>
45   <div>
46     <p>Here are my links to navigate to all the other pages on the website, which doubles as my
47     <ol>
48       <li>
49         <div>
50           <h3>Navigate to learn more about Tsar Ivan IV:</h3>
51           <ol>
52             <li><a href="index.html">Title Page</a></li>
53             <li><a href="page2.html">Tsar Ivan's Reign</a></li>
54             <li><a href="page3.html">A Comparison with Other Rulers</a></li>
55             <li><a href="page4.html">Join the Tsar Ivan the Terrible Fandom!</a></li>
56           </ol>
57         </div>
58       </li>
59     </ol>
60   </div>
61 </body>
62 </html>
```



PROMINEO TECH

```
<> page3.html > html > body > div > table
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ivan the Terrible</title>
8      <link rel="stylesheet" href="styles.css">
9  </head>
10 <body>
11     <!-- Here is my table: -->
12     <div>
13         
14         <table> Verifiable Executions by Ruler
15             <tr>
16                 <th>Ruler</th>
17                 <th>Death Count</th>
18                 <th>Years Reigned</th>
19             </tr>
20             <tr>
21                 <td>Tsar Ivan IV</td>
22                 <td>3,300</td>
23                 <td>51 years</td>
24             </tr>
25             <tr>
26                 <td>King Henry VIII</td>
27                 <td>57,000</td>
28                 <td>36 years</td>
29             </tr>
30         </table>
31     </div><br><br>
32     <!-- Here are my links to navigate to all the other pages on the website:-->
33     <div>
34         Navigate to learn more about Tsar Ivan IV:
35         <ol>
36             <li><a href="index.html">Title Page</a></li>
37             <li><a href="page2.html">Tsar Ivan's Reign</a></li>
38             <li><a href="page3.html">A Comparison with Other Rulers</a></li>
39             <li><a href="page4.html">Join the Tsar Ivan the Terrible Fandom!</a></li>
40         </ol>
41     </div>
42 </body>
43 </html>
```

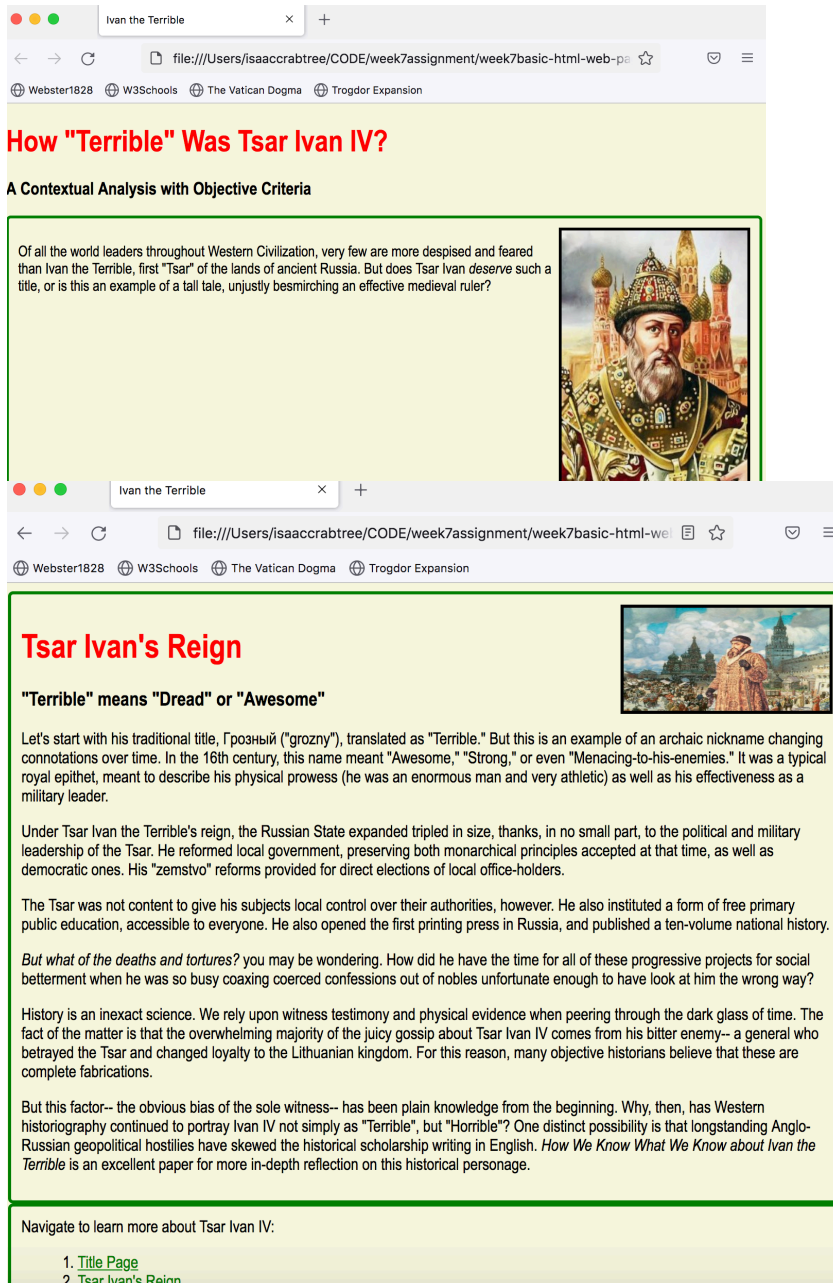


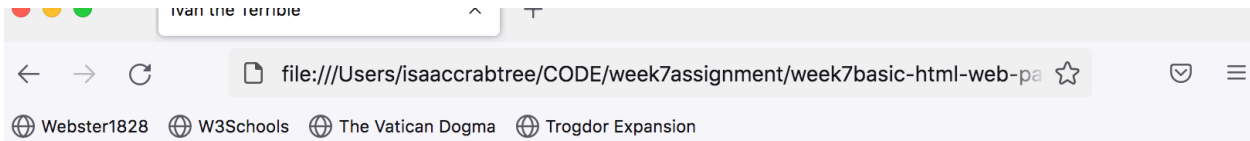
PROMINEO TECH

```
<> page4.html > html > body
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ivan the Terrible</title>
8      <link rel="stylesheet" href="styles.css">
9  </head>
10 <body>
11     <div class="waviy">
12         <span style="--i:1">S</span>
13         <span style="--i:2">I</span>
14         <span style="--i:3">G</span>
15         <span style="--i:4">N</span>
16         <span style="--i:5">E</span>
17         <span style="--i:6">U</span>
18         <span style="--i:7">P</span>
19         <span style="--i:8">I</span>
20         <p id="special">for Ivan the Terrible FANDOM!</p>
21     </div>
22
23     <div>
24         <!--Here is my required form:-->
25         <form>
26             <label for="fname">First name:</label><br>
27             <input type="text" id="fname" name="fname" placeholder="First Name"><br>
28             <label for="lname">Last name:</label><br>
29             <input type="text" id="lname" name="lname" placeholder="Last Name"><br>
30             <label for="email">Email:</label><br>
31             <input type="text" id="email" name="email" placeholder="Email"><br>
32             <input type="submit" value="Submit">
33         </form>
34     </div>
35     <!--Here are my links to navigate to all the other pages on the website:-->
36     <div>
37         Navigate to learn more about Tsar Ivan IV:
38         <ol>
39             <li><a href="index.html">Title Page</a></li>
40             <li><a href="page2.html">Tsar Ivan's Reign</a></li>
41             <li><a href="page3.html">A Comparison with Other Rulers</a></li>
42             <li><a href="page4.html">Join the Tsar Ivan the Terrible Fandom!</a></li>
43         </ol>
44     </div>
45 </body>
46 </html>
```



Screenshots of Running Application:





Verifiable Executions by Ruler

Ruler	Death Count	Years Reigned
Tsar Ivan IV	3,300	51 years
King Henry VIII	57,000	36 years



Navigate to learn more about Tsar Ivan IV:

1. [Title Page](#)
2. [Tsar Ivan's Reign](#)
3. [A Comparison with Other Rulers](#)
4. [Join the Tsar Ivan the Terrible Fandom!](#)



Ivan the Terrible

file:///Users/isaaccrabbtree/CODE/week7assignment/week7basic-html-web-pa

Webster1828 W3Schools The Vatican Dogma Trogdor Expansion

SIGN-UP!

for Ivan the Terrible FANDOM!

First name:

Last name:

Email:

Navigate to learn more about Tsar Ivan IV:

1. [Title Page](#)
2. [Tsar Ivan's Reign](#)
3. [A Comparison with Other Rulers](#)
4. [Join the Tsar Ivan the Terrible Fandom!](#)

URL to GitHub Repository: <https://github.com/zaccrabbtree/week8codingassignment.git>