CPT 238 Assignment 4

Directions

Using the following guidelines, create a web page. Ensure to use the basic starting template, master.html.

1. Save the web page as assignment4.html.

2. The web page <title> should be Assignment 4.

3. On the assignment4.html page, create six elements in the body section:
    a. The first should have an id of "area1".
    b. The second should have an id of "area2".
    c. The third should have an id of "area3".
    d. The fourth should have an id of "area4".
    e. The fifth should have an id of "area5".
    f. The sixth should have an id of "area6".
    g. The first element requires no content.
    h. Inside the second element, enter the text **The Gettysburg Address**.
    i. Inside the third element, paste the entire text of The Gettysburg Address. This is supplied to you in a file named Gettysburg_Address.txt.
    j. Inside the fourth element, create a <button> element with an id of "moveUp".
    k. Inside the fifth element, create a <button> element with an id of "moveDown".
    l. Inside the sixth element, create a <button> element with an id of "changeText".
    m. At this point, the page should look similar to Figure 1.

4. Create an assignment4.css file.

5. Create the following styles in the assignment4.css page:
    a. A style that will make the entire page background to be blue color.
    b. A style that will make the content of the element with an id of "area1" be:
        i. Width of 800px
        ii. Height of 400px
        iii. Has a background that uses the flag.jpg image (supplied)
        iv. Ensure the flag covers the entire area of the element and does not repeat.
    c. A style that will make the content of the element with an id of "area2" be:
        i. Width of 280px
        ii. Height of 35px
        iii. Has a background color of red
        iv. Uses a 24px Arial font
        v. Has padding of 10px
        vi. Has a solid, 5px, black border
    d. A style that will make the content of the element with an id of "area3" be:
        i. Width of 340px
        ii. Height of 200px

iii. Has a background color of white
iv. Has padding of 25px
v. Has a solid, 5px, black border
vi. Uses a scrollbar for overflow text

e. A style that will make all items with a class of "newFont" to have an 18px Arial font.
f. After the styles are added, the page should look similar to Figure 2.

6. Create an assignment4.js file.

7. In the assignment4.js file , write the jQuery code that will:
   a. Not execute until all page elements have loaded.
   b. Using the offset() method, position the page elements as shown in Figure 3.
   c. Using the css() method, make all the buttons have a 16px white font on a blue background.
   d. On the click event of the "Move Down" button, make the scrollbar on the "area3" element scroll down 50px from its current position.
   e. On the click event of the "Move Up" button, make the scrollbar on the "area3" element scroll up 50px from its current position.
   f. On the click event of the "Change Text" button, add the class "newFont" to the "area3" element if it is not already applied and remove the class if it is already applied.
   g. EXTRA CREDIT: Change the initial text for the "area6" button to "Larger Text". Write jQuery code that will toggle the button text back and forth from "Larger Text" to "Smaller Text" as appropriate. Note that this is referring to the button's text not the actual font size. See Figure 5.

8. Test your web page. It should initially appear as shown in Figure 3. Figure 4 shows the page after the text is made larger and the text has been moved down several times.

9. Zip your files and submit into the Assignment 4 Drop Box.

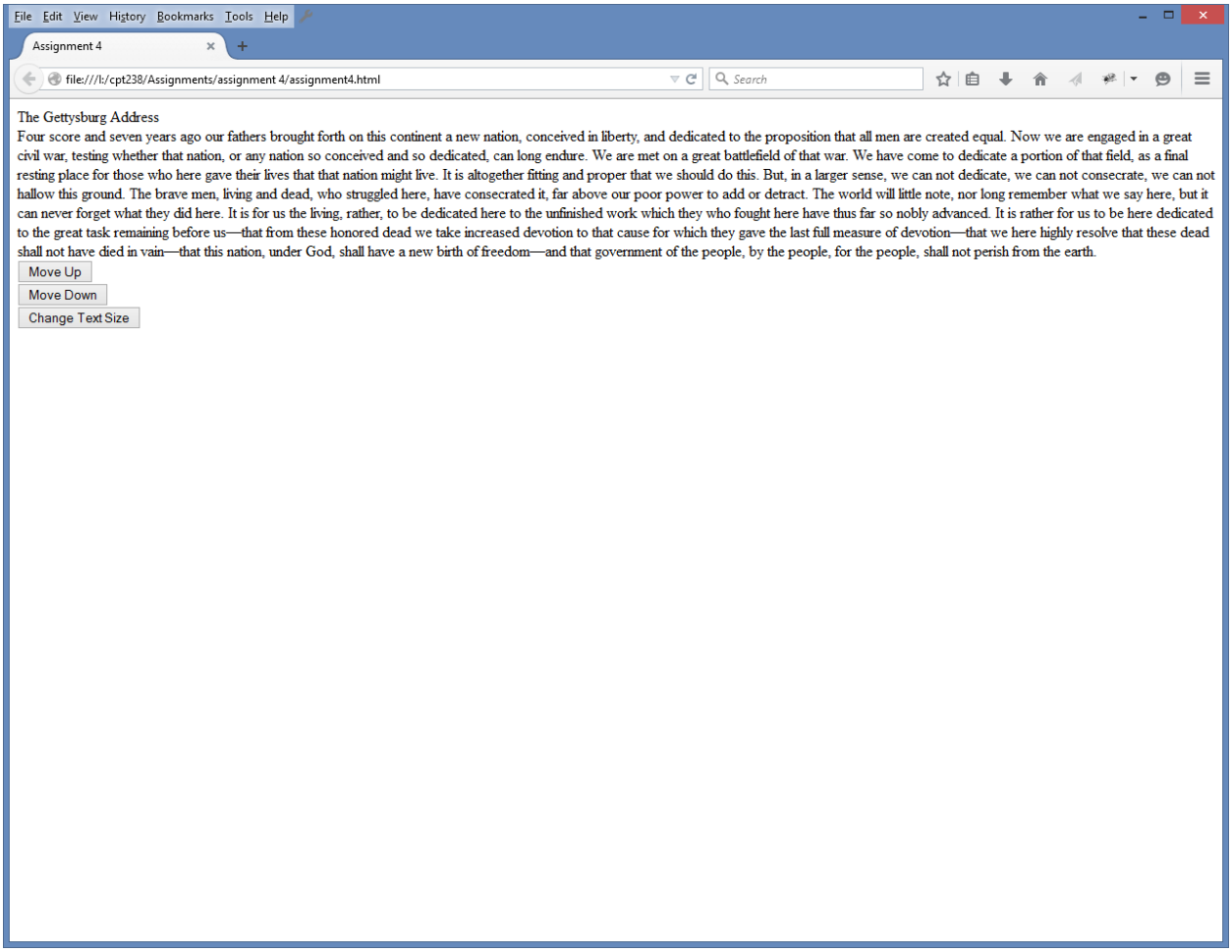
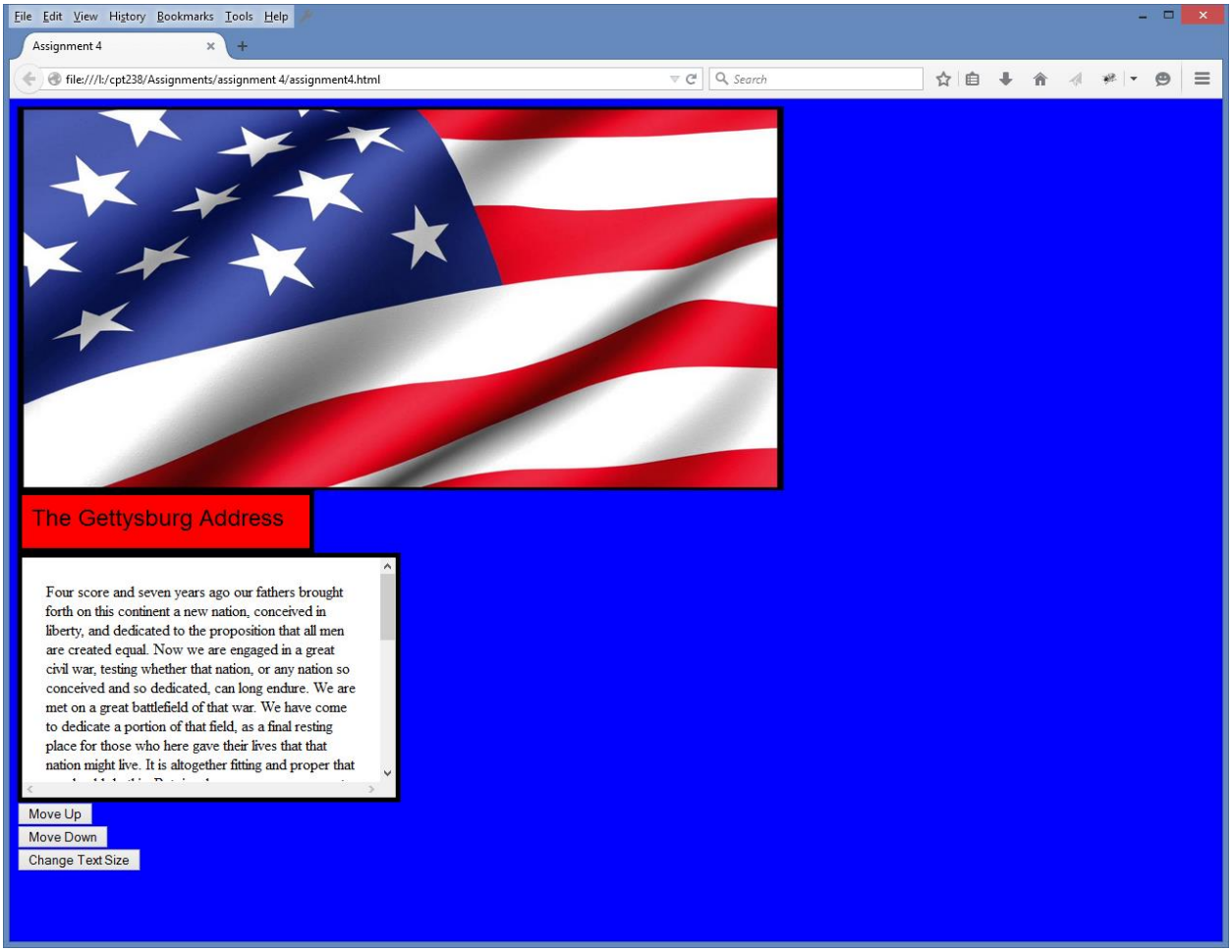

File Edit View History Bookmarks Tools Help
Assignment 4
file:///I:/cpt238/Assignments/assignment 4/assignment4.html
Search
The Gettysburg Address
Four score and seven years ago our fathers brought forth on this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal. Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might live. It is altogether fitting and proper that we should do this. But, in a larger sense, we can not dedicate, we can not consecrate, we can not hallow this ground. The brave men, living and dead, who struggled here, have consecrated it, far above our poor power to add or detract. The world will little note, nor long remember what we say here, but it can never forget what they did here. It is for us the living, rather, to be dedicated here to the unfinished work which they who fought here have thus far so nobly advanced. It is rather for us to be here dedicated to the great task remaining before us—that from these honored dead we take increased devotion to that cause for which they gave the last full measure of devotion—that we here highly resolve that these dead shall not have died in vain—that this nation, under God, shall have a new birth of freedom—and that government of the people, by the people, for the people, shall not perish from the earth.
Move Up
Move Down
Change Text Size

Figure 1


File Edit View History Bookmarks Tools Help
Assignment 4
file:///I:/cpt238/Assignments/assignment 4/assignment4.html
Search
The Gettysburg Address
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Move Up
Move Down
Change Text Size

Figure 2

File Edit View History Bookmarks Tools Help
Assignment 4
file:///I:/cpt238/Assignments/assignment 4/assignment4.html
Search
The Gettysburg Address
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Move Up
Move Down
Change Text Size

Figure 3

File Edit View History Bookmarks Tools Help
Assignment 4
file:///I:/cpt238/Assignments/assignment 4/assignment4.html
Search
The Gettysburg Address
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Move Up
Move Down
Change Text Size

Figure 4

File Edit View History Bookmarks Tools Help
Assignment 4
file:///I:/cpt238/Assignments/assignment 4/Assignment 4 with extra credit/assignment4.html
Search
The Gettysburg Address
Four score and seven years ago our fathers brought forth on this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal. Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might live. It is altogether fitting and proper that
Move Up
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Larger Text

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Search
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Move Up
Move Down
Smaller Text

Figure 5