Final Exam

Complete **ALL** of the exercises that follow. The score for a perfect exam is 30 points. At the beginning of the exam, the instructor will provide you with instructions on how to submit your work when you are finished.

1. You may not use ***any*** electronic devices during the exam, with the exception of USB flash drives and the computers that are installed in the exam room.

2. Be sure to put your name in the body of every HTML page you create/modify, and be sure to sign next to your machine number on the attendance sheet.

3. Note that you will **NOT** have access to WYSIWYG Web-development tools like Dreamweaver during the exam! Use a plain text editor (like Notepad++) instead. We want to see how well ***you*** can work with HTML, not how well you can get a program like Dreamweaver to write the HTML for you...

4. During the exam, you will **NOT** have access to any Web sites other than the course Web page, which is located at

   http://www3.cs.stonybrook.edu/~tashbook/fall2015/cse102/

5. The course Web page contains a link to the exam files, along with the slides and sample code that were posted on Blackboard this semester.

6. Partial credit may be assigned at the instructor's discretion.

1. PHP (6 points)

   The paper handout you were given contains the source code of a PHP function. Study it carefully and answer the associated question on the handout.

2. Web Design and JavaScript (24 points)

   Complete the "a2z-main.html", "sponsor.html", and "adopt.html" files as described below so that they match the screenshots that follow. Each page is worth up to 8 points.

   a. **a2z-main.html**

      This page should have white body text on a "darkseagreen" background. Unvisited hyperlinks should be yellow. Hovering over a hyperlink should change its color to red. Visited links should be displayed as "darkgreen" text.

      Floated elements should occupy approximately 35% of the width of the page, and should be surrounded by a 1-pixel solid black border with a border radius of 5 pixels.

   b. **sponsor.html**

      This page should have white body text on a "lightsteelblue" background. Use the same hyperlink colors as the main page above, and the same properties for floated elements.

      The "brains.png" image should be displayed with a width of 300 pixels and a height of 300 pixels. Clicking on the image should trigger a JavaScript function that does the following:

      i. Calls the `prompt()` function to ask the user for a donation amount

      ii. If the donation amount is not null and the amount is not equal to the empty string "", display some additional text in the floated element below the image that reads "Thank you for your help!". (**Hint:** add this text from the beginning, but set its initial color to be the same as the page background color).

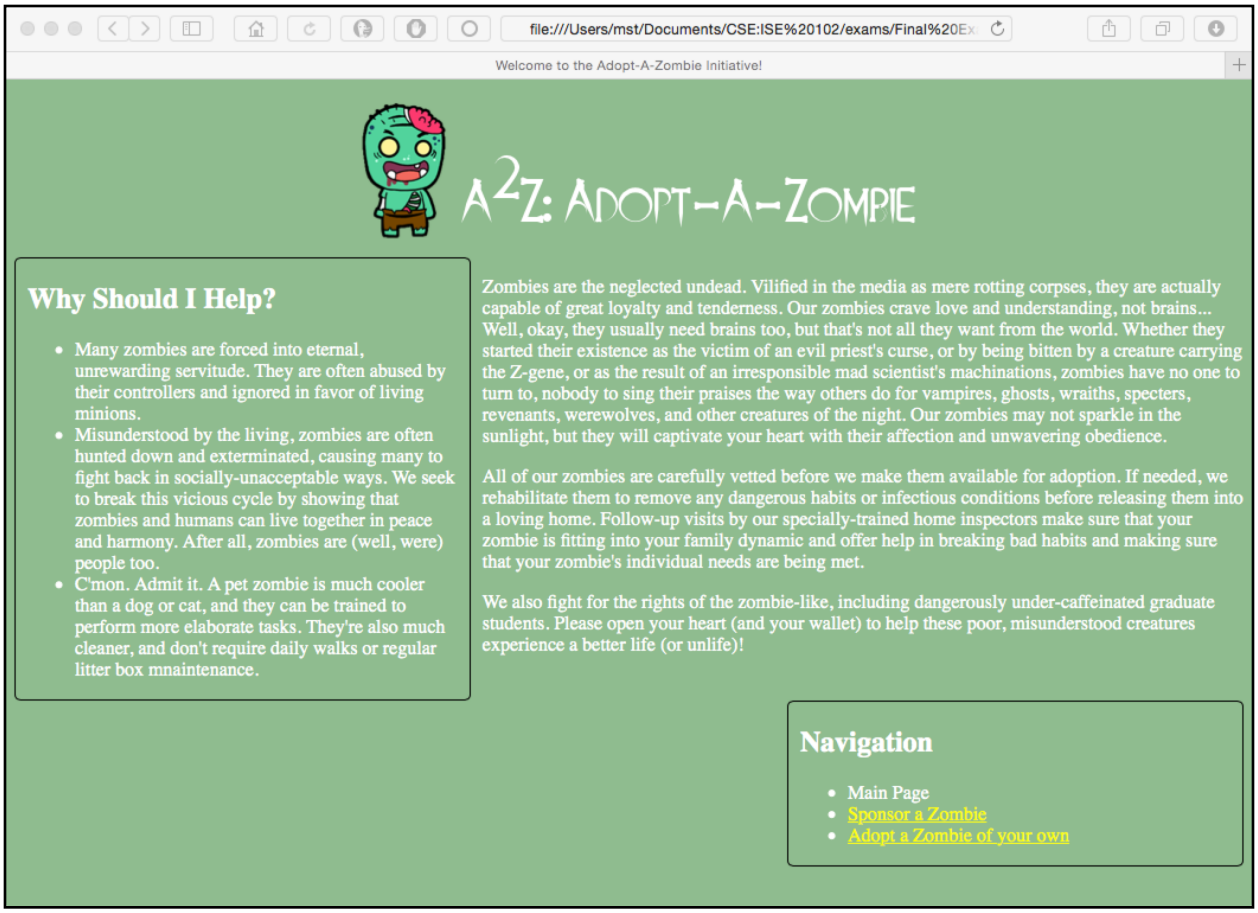
   c. **adopt.html**

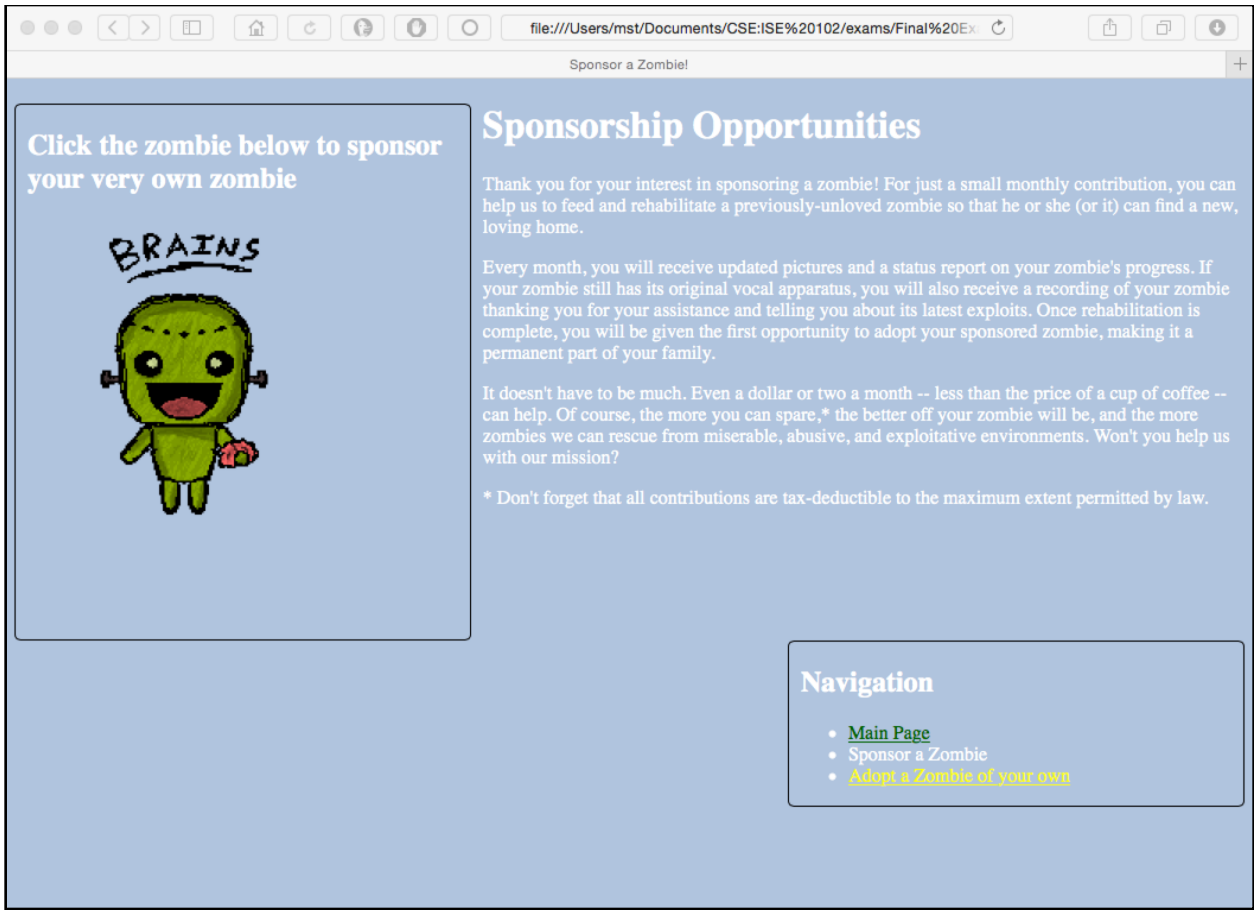
      This page should have white body text on a "darkmagenta" background. se the same hyperlink color scheme and floating element properties as the other two pages.

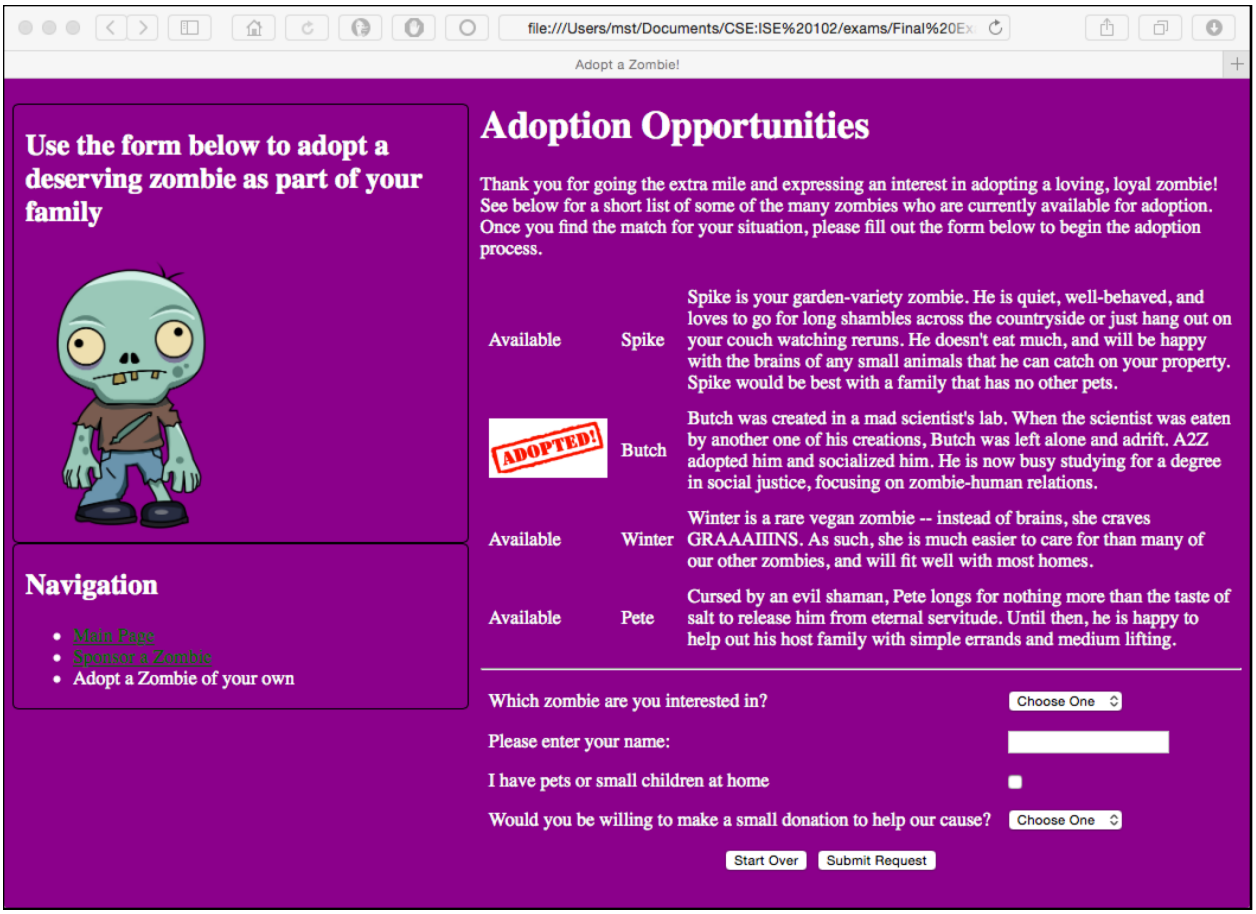
The "zombie8.png" image should be displayed with a width of 180 pixels and a height of 240 pixels. The "adopted.png" image should be displayed with a width of 100 pixels and a height of 50 pixels.

Your form should use the parameter names and values below. **DO NOT CHANGE THE URL FOR THE FORM ACTION!**

Description	Parameter Name	Allowed Values
Zombie name	zombie	none Spike Winter Pete
Adopter name	adopter	Any
Pets checkbox	pets	N/A
Donation willingness	donate	none yes no maybe




file:///Users/mst/Documents/CSE:ISE%20102/exams/Final%20Ex
Sponsor a Zombie!
Click the zombie below to sponsor your very own zombie
BRAINS
Sponsorship Opportunities
Thank you for your interest in sponsoring a zombie! For just a small monthly contribution, you can help us to feed and rehabilitate a previously-unloved zombie so that he or she (or it) can find a new, loving home.
Every month, you will receive updated pictures and a status report on your zombie's progress. If your zombie still has its original vocal apparatus, you will also receive a recording of your zombie thanking you for your assistance and telling you about its latest exploits. Once rehabilitation is complete, you will be given the first opportunity to adopt your sponsored zombie, making it a permanent part of your family.
It doesn't have to be much. Even a dollar or two a month -- less than the price of a cup of coffee -- can help. Of course, the more you can spare,* the better off your zombie will be, and the more zombies we can rescue from miserable, abusive, and exploitative environments. Won't you help us with our mission?
* Don't forget that all contributions are tax-deductible to the maximum extent permitted by law.
Navigation
Main Page
Sponsor a Zombie
Adopt a Zombie of your own


file:///Users/mst/Documents/CSE:ISE%20102/exams/Final%20Ex
Adopt a Zombie!
Use the form below to adopt a deserving zombie as part of your family
Navigation
Main Page
Sponsor a Zombie
Adopt a Zombie of your own
Adoption Opportunities
Thank you for going the extra mile and expressing an interest in adopting a loving, loyal zombie! See below for a short list of some of the many zombies who are currently available for adoption. Once you find the match for your situation, please fill out the form below to begin the adoption process.
Available Spike Spike is your garden-variety zombie. He is quiet, well-behaved, and loves to go for long shambles across the countryside or just hang out on your couch watching reruns. He doesn't eat much, and will be happy with the brains of any small animals that he can catch on your property. Spike would be best with a family that has no other pets.
ADOPTED! Butch Butch was created in a mad scientist's lab. When the scientist was eaten by another one of his creations, Butch was left alone and adrift. A2Z adopted him and socialized him. He is now busy studying for a degree in social justice, focusing on zombie-human relations.
Available Winter Winter is a rare vegan zombie -- instead of brains, she craves GRAAAIIINS. As such, she is much easier to care for than many of our other zombies, and will fit well with most homes.
Available Pete Cursed by an evil shaman, Pete longs for nothing more than the taste of salt to release him from eternal servitude. Until then, he is happy to help out his host family with simple errands and medium lifting.
Which zombie are you interested in?
Choose One
Please enter your name:
I have pets or small children at home
Would you be willing to make a small donation to help our cause?
Choose One
Start Over
Submit Request