Problem 1

The problem we are solving is converting this HTML file from HTML 4 to be more fitted for HTML 5 mainly including semantic tags to create a better structure for the HTML file. I used many of the semantic elements from lecture 7 to create a better flow of the document instead of just consisting of many divs elements. Some of the difficulties was knowing if I should change a certain div grouping or not into another element.

I have added <header id=header> for the beginning section, encompassing <nav> to group the links of home, catalog, and inventory together and then closed out <nav> and <header>.

I changed the div for secondary menu to a nav element to group the links together. Next, I put in a section element for the contact section. The main contact information is inside of an article element as the main contact.

Problem 2

The problem was to recreate lab3-problem2’s image into an HTML file whilst using proper semantic HTML5 tags. From the image I started to conceptualize how this HTML page should be broken down. I started to see that there was a navigation bar, in which I had trouble getting the correct layout of it. The layout when I tried it was a bulleted list and that is not what was required. So I made the navigation list into one list item.

For the page it required a specific art piece to be display with relevant information of the piece. I have sectioned off as the “mainArtPiece” and the piece shown was encompassed inside a figure element. Then I nested another section element for the specific details of the piece that contained the short description, date, medium, dimensions, and home then closed the nested section. I added the add-to images below the nested section and then created a figure section after for the social media sharing. Next, I closed out the section for “mainArtPiece” and made a new one for the related paintings. After closing that section, I created another one for the reviews of the main piece. Lastly I created a footer to contain the page menu navigation and copyright information.

The most trouble I had was how I wanted to split up document. The other thing is when trying to incorporate the thematic break <hr>, I wasn’t able to create the same type of bold line at first. Once I did, the validator kept throwing the size attribute “size” on <hr> is obsolete “use CSS instead” and I don’t know how to create that line without the size attribute.