**Women Artists (March is Women’s History Month)**

Graphical user interface, application

Description automatically generatedGraphical user interface

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***The viewing of an artist’s info and the search for artists alive in a given year are “independent”.***

1. Use WHM.html and add a title John Smith’s Women Artists (with John Smith replaced by your name).
2. Add an HTML comment with your name.
3. Your HTML elements with ids cannot have default/meaningless ids such as Button1. Nor should you have names left-over from other programs.
4. Make the box’s background color and (font) color anything other the values they start with.
5. Change the page’s background color and (font) color anything other than the default values.
6. Add the following to your style, then change the colors for the hyperlink styling

/\* unvisited link \*/  
a:link {  
  color: red;  
}  
  
/\* visited link \*/  
a:visited {  
  color: green;  
}

1. Put a header with John Smith’s Women Artists (with John Smith replaced by your name) at the top of the page.
2. Also add <span>’s <div>’s and id’s as you see fit.
3. Create a JavaScript area. Include a JavaScript comment with your name.
4. Create a JavaScript class with properties for
   1. Name
   2. Birth year
   3. Death year
   4. Country
   5. Wiki art link
   6. Movement
   7. Picture
   8. Youtube code
5. As the page loads in the browser, have JavaScript parse the data found in whm\_one.txt which you can paste into the HTML/JavaScript file (if you wanted to fetch that file or whm.txt that is also OK.) In the one-line version, the delimiters are # (between different artists) and | (between different properties of a single artist).
6. You should use the data to create an array of Artist objects.
7. Use the array of objects to populate the drop-down select with options that show the artist names.
8. When the user selects an artist, display the associated information:
   1. Birth year – Death year (if there is one)
   2. Country
   3. Movement(s)
9. Change the href property of the anchor tag <a href="" … so that links to the artist's WikiArt page.
10. Display a picture of the artist in an image element with a width of 230px.
11. Use the artist’s youtube code to embed the youtube video on the artist in the iframe.
12. Create and dispatch a select-change event, so it seems as those the user has chosen the first artist (a random artist is acceptable).
13. When the user clicks the search button, find artists who were alive the year entered by the user

Artist\_Birth\_Year is less or equal to than User\_Search\_Year

and

User\_Search\_Year is less than or equal to Artist\_Death\_Year (some haven’t died, deal with it)

Add the artists’ names and movement(s) to the text area (use its value not its innerHTML) – each artist should be on her own line. (In you need the years to be treated like numbers, use parseInt() .)

1. If the user changes the search year, clear out the search results.
2. Zip up the files and email them to me.

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