**Coen Brothers Movies**

Graphical user interface, website

Description automatically generated

1. Start with Coen.html. Add a title John Smith’s Coen Brothers Movies (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. They also cannot refer to some previous subject – such as books, dogs, etc.
4. Make the page’s background color and (font) color anything other than the default values.
5. Make the box class background color and color different from what I gave you.
6. Put a header with John Smith’s Coen Brothers Movies (with John Smith replaced by your name) at the top of the page.
7. Add select, image (height 150px) and iframe elements to your page. Remember that the iframe tag must be closed. <iframe></iframe>
8. Start a script area and place a JavaScript comment with your name at the top of the script area.
9. Use fetch to read the file coen.json and make a global object from it.
10. Loop through the movies array (property of object) and create options for the drop-down select. Have the movie titles showing.
11. When the user chooses a movie, display its year of creation, runtime, and cast (stars).
12. Also display the movie poster and embed in your iframe the youtube clip for the movie.
13. After adding options dispatch a “change” event to make it seem as though the user has selected the first movie.
14. Search 1: When the user clicks the button to search by year, get the year from the user and loop through movies. Alert any movie you find that matches that year. Alert “sorry” if there were no matches. Display movie title and year
15. Search 2: When the user clicks the button to search by length, get the attention span from the user and loop through movies. Alert any movies you find that have a run time less that the attention span. Use parseInt() so your code understands the quantities being compared are numbers. Alert “sorry” if there were no matches. Display matching movies and runtimes.
16. Search 3: When the user clicks the button to search by cast, get the actor from the user and loop through movies. Alert any movies you find that have that actor in the cast. Look for the actor within the cast. This search should be case-insensitive. Alert “sorry” if there were no matches. Display matching movies and casts (stars).
17. Zip up your code and email it.

Graphical user interface, application

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Graphical user interface, text, application

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