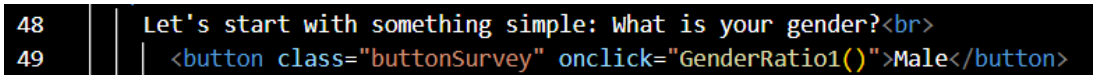
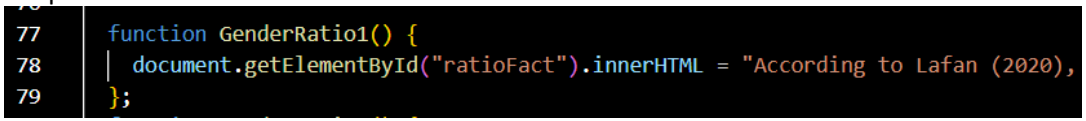
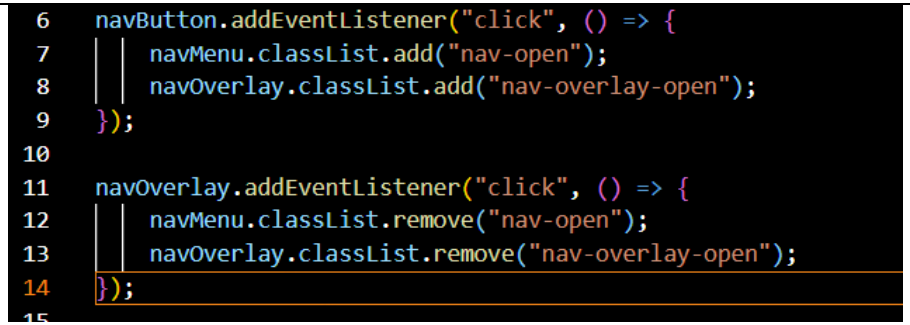
NM2207 Week 9 Submission: Concepts Utilized in my Final Project

Week	Concept	How I've used it	Line Number	Filename
2	CSS style properties HTML/tags	I've linked a CSS style sheet to the HTML document. it codes for the layout of the page, and makes the pop-out navigation tab, and the top navigation bar possible.		appstyle.css
3	Create and use functions	Use of a simple function that is executed when the button is clicked. This changes the text that is displayed to highlight another fact.	HTML:  Script: 	dataStory.html main.js

3 + 4	<u>Week 3:</u> Using if-else statements and basic comparisons Creating functions <u>Week 4:</u> Assigning id to HTML elements and manipulating assigned elements. Using alert(…)	Created a function that allows me to do a simple change of the page's theme (logo, background colour). This is done by having a theme associated with each count and having the function cycle through themes utilizing the counts. Eventually, I will add more themes and more changes per theme.		main.js
5	Event listening using global variables	Event listener that allows the popout navigation tab to work. When the button is clicked, it will execute the function that adds/removes the CSS code that hides the		main.js

		navigation tab by translation. (2nd picture) → the function under "Week 3+ 4) also utilizes Event Listening.	``` // trying out theme changer let counter = 0; document.addEventListener("DOMContentLoaded", function () { document.querySelector("themeLogo").onclick = themeChanger; }); ```	
6	For loops	I created an array, and a for loop to help print all the items inside, on click. I will be refining the function to allow me to print the "top groups" for all the countries after this week (right now, only the "Korea" button works).	``` const KoreaTop = ["BTS", "Apink", "Girl's Generation", "EXO", "GOT7"]; function printTopGroups () { let text = ""; var i = 0; for (i = 0; i < KoreaTop.length; i++) { text += KoreaTop[i] + " "; } document.getElementById("topGroupList").innerHTML = text; } ``` 	main.js

7	Making a pie chart on a canvas using Chart.js	I created one of the first diagrams of my data story – a pie chart, using the Chart.js functions. Firstly, I constructed the dataset, with a small array of data, and added labels. Then I customised the colours, legend and title of the pie chart. I will be planning to create more bar and scatter plots.		main.js

8	Making my own map plot.	In Week 8, Prof recommended that we try out using the map plot. I have incorporated a simple version of it into my data story to allow regional comparisons of the % of female Kpop groups among the top 5 favourites in 6 countries.		main.js
9	**I am planning to use the fetch function to efficiently create the charts for my data story after this submission!**			