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| **Week** | **Concept** | **How I’ve used it** | **Line number** | **Filename** |
| 1 | Absolute and relative paths | Used absolute and relative paths to link my CSS and JS to my index.html, as well as to access the chart.js library | 5-10 | index.html |
| 2 | HTML class and id attributes | Assigned classes and ‘id’s to my html tags to edit their styles in the CSS  Assigned ‘id’s to the chart canvases so that I can retrieve them from the main.JS |  | index.html  css |
| 2 | Buttons | Added radio buttons to switch between different age groups for doughnut chart  Added a button for people to pledge to be a sustainable consumer |  | index.html |
| 2 | Windows Alert | Alert “Thank you for pledging to be a sustainable consumer” when user clicks pledge button | 436 | main.js |
| 3 | Arrays | Used arrays for the chart labels and data | 165-169, 196 | main.js |
| 3 | Variables | Created variables to store and manipulate data for the section that generates chart according to the radio button selected  Created a counter variable for pledge counter | 378, 428 | main.js |
| 3 | Numbers, Strings and Boolean data types | Used numbers and strings for data of the various charts  Used Boolean data in the chart options |  | main.js |
| 3 | Operators | Made use of operators to add “%” to data labels | 251 | main.js |
| 4 | Functions | (work in progress)  Use functions for the section that generates chart according to the radio button selected with addEventListener  Use functions to update charts: chart.update( )  Used function to create a counter for pledge button | 378, 402, 399, 424, 429-433 | main.js |
| 4 | Objects & Object Properties | Used context objects for chart options, such as dataset-data, scale-tick, and tooltip  Accessed object properties such as chart.data and chart.options | 381, 312 | main.js |
| 4, 5 | HTML DOM | Returned HTMLCollections buttons through getElementById for the section that generates chart according to the radio button selected  Returned HTMLCollections buttons through getElementById for pledge counter | 379, 403, 432 | main.js  index.html |
| 5 | Event Listening | Used addEventListener to generate different chart on click of a different radio button  Used addEventListener to alert the user on click of the pledge button | 378, 402  435, 436 | main.js  index.html |
| 5 | Colours | Used rgb values to change the style of charts and text |  | main.js |
| 7 | Making Charts with Chart.js | Added chart.js script in index.html head  Food Products: One line chart and one bar chart to show current food consumption habits and impacts on the environment  Fashion Products: One bar chart and one line chart to show current fashion consumption habits and impacts on the environment  Recycling: one doughnut chart to show the frequency of recycling household waste in Singapore  A doughnut chart to show the sustainable consumption habits of different age groups | 6  3-88  92-205  208-260  263-425 | index.html  main.js |