**Problem 1 Description Approach:**

* I approached the problem first identifying the sections

1. Header
2. Grid section
3. Results section

* I used GRID framework “muuri.js” to form the grids.
* Filter logic was handled by appending data attributes with dynamically generated attributes and filtering it via grid elements.
* Random images were chosen from Amazon.com
* All links are pointed to #.

**Problem 2 suggestion:**

* For Problem 2, the UI suggestion which we can implement is without having Christmas Gifts as a static header, that can be either made as tabs (Christmas Gifts,Birthday Gifts) and onClick of each tab, we can provide different JSONS.
* So 2 JSON’s for both set of gifts that can be dynamically placed based on the tab which the user has clicked.
* Dropdowns/Chicklets will also work good for this case.

**UI Improvements suggested:**

* An overall search would prove benifecial in the carousel section.
* Personal suggestion is that when we have a Masonary grid setup, usage of carousel seems complex. Either a single row carousel or a multi-row static masonary would serve the purpose of readability.
* A multi-select dropdown/Checkboxes would allow users to filter based on multiple criteria