

BEAUTYLISH

Software Engineering Code Interview

Overview

In place of a whiteboard or virtual coding interview, we'd like to see your approach to building clear and maintainable software. Our aim is that this takes no more than 45 minutes but you can take as much time as you'd like.

Feel free to use any libraries or tools that you'd find helpful. Reply to this email with your completed solution and any instructions on how to run it.

Problem

Part 1

- Query this API that returns a randomized list of products in JSON format:
<https://www.beautylish.com/rest/interview-product/list>
- Display a list of products including only the brand name, product name, and price.
 - Filter out any products that are hidden or deleted.
 - Sort by lowest to highest price. If two items have the same price, sort by name.
 - If the same product is included twice, only display it once.
- Display a summary that includes:
 - The total number of unique products
 - The total number of unique brands
 - The average price

Part 2

- Write a test case for your solution.