

Pre-Interview Task

Navigation Menu



Business Case

Most of the software we create at MCA has a navigation menu so the users can access all parts of the app. Also given that most systems are considerably large, the menus tend to be large, dynamic, and complex.

The managers saw that reimplementing this navigational menu for all projects as a unproductive use of the developers time and tasked you to create a component which can be re-used across many projects.

Scope

For brevity, the task should be solved as a Console / Terminal project in any Object-Oriented Programming Language of your choosing - C#, Java, C++, TypeScript or other. Please develop an application that will parse the attached file (Navigation.csv), and present the content in a console or log window as the example on the right.

Acceptance Criteria

- The menu items should be indented depending on the parent they belong under.
- Some items are hidden, and should not be presented
- The items should be ordered alphabetically

NOTE: Please be aware that when testing your solution, we'll be using a different CSV files that is far longer and has few more depth levels.

Good Luck !!!

Example Output

```
. Company
.... About Us
..... Team
.... Mission
. References
.... Client 1
.... Client 2
```