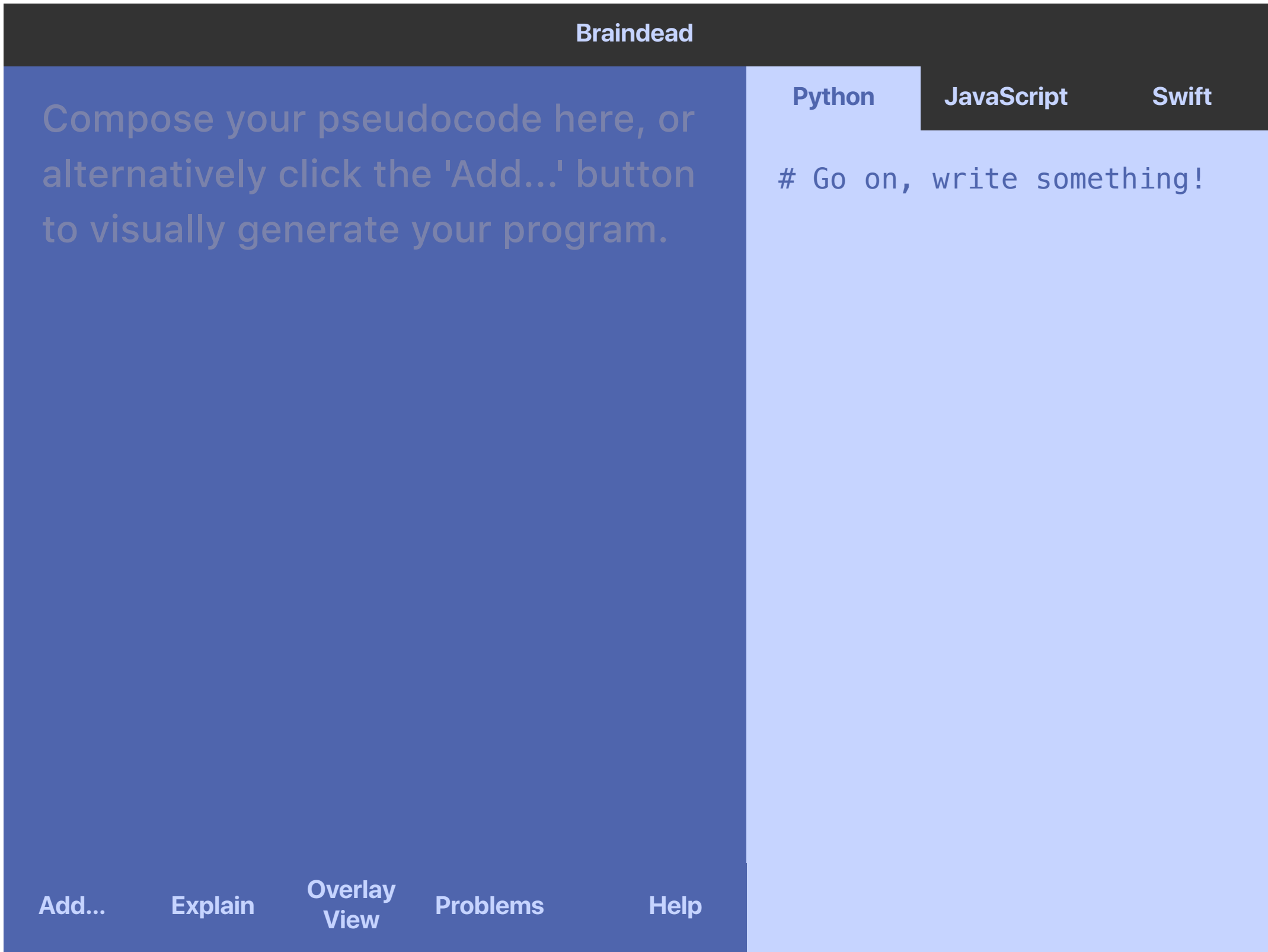# Braindead
Hori. Grid Mockup (pre-dev)

Title/Menu Bar/Chrome: is high enough to accompany the Mac-related close-min-max buttons

Braindead

Python   JavaScript   Swift

Compose your pseudocode here, or alternatively click the 'Add...' button to visually generate your program.

Go on, write something!

Add...   Explain   Overlay View   Problems   Help

The input text area/field. This features bold colouring to encourage attention. Line spacing is fairly generous to make the pseudocode-esque input more readable.

Regular-styled buttons that function as radio buttons. These possess the appearance of 'tabs' and allow the user to select which language output is visible in the below section.

This section is composed of a bunch of text fields, with one being created for every line of code that is output for the currently-selected language. On first launch a placeholder is shown that reads 'Go on, write something' as a comment.

Brainstorming
– The layout will probably be a 1.5:1-like grid; I'm a big fan of these types of grids as they create a simple, easy-to-interpret layout. They also subliminally encourage the user to view the larger content *first,* in this case the input text field.
- Whilst I am currently unsure on font choice i imagine I will settle for a slightly-weighted serif font like Merriweather. I considered Times New Roman but I personally dislike this font in bold as it looks fairly compact and unstylised. Merriweather possesses an interesting, comical appearance - despite the presence of serifs - and looks great on displays.

These buttons somewhat resemble tabs but they function as links to other areas.
– **Add:** This raises a visual interface which is similar to MIT's 'Scratch'. All code options are sorted into compact sections which accept user arguments to form customised code.
– **Explain:** This button links to a page which shows which user-inputted lines represent the code generated by Braindead.
– **Overlay View:** Unlike the other buttons this one does not result in a link to a different area; instead it toggles the appearance of other text boxes which overlay the existing lines that contain the respective code for each line. This is very similar to 'Explain' - it is a personal preference.
– **Problems:** Clicking this opens up a new view which shows a list of all the errors/warnings raised by the Braindead interpreter in a human-readable format. This new view replaces the text input area, and the buttons underneath are substituted with a simple 'Back' to return to the home screen that the user was on before.
– **Help:** Similarly to 'Problems', this displays a new area which substitutes the input text field that contains example input and information.

by Lachlan Shoesmith