Experimentation/Research w/ font:

Questions that will guide my research are:

How does XCode/VSCode do auto indentation?

I could not find anything particular to VSCode that would tell me how they code indentation.

How do websites/HTML auto indent?

To figure out how they do auto indention I played around with HTML and JavaScript to make my own version of an auto indenter that works on each new line.

Here is the code I used:

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

This was a kind of a hard process to figure out as the process needs to have a delay of insertion spaces with a setTimeout(). By using keypress instead of keyup, I was able to fix the delay issue I was having. I originally had some issues with editing the middle of the text as it would cause the auto indent to revert to non-indentation format but was able to fix that bug after a few hours.

From my research I am hoping we will find a solution like what I have already done that will be able to be easily implement into swift.