Freespee Frontend Assignment

1 The Objective

This assignment is designed so that it should not take more than an hour to complete. You are free to use any tool, library, preprocessor, framework or compile to javascript language that you like. You do not have to take cross browser support into consideration, just pick a browser and make sure it works.

The goal of this task is to have you produce some code which can be discussed during the tech assessment interview, so please provide the result before your interview is scheduled.

2 The Assignment

Your task is to create a webpage with a grid of buttons with the following values *1,2,3,4,5,6,7,8,9,*,0,#* and an input field (referred to as *Output*). Whenever a button is clicked, append the value of the button to the *Output* (*i.e.* if the user presses 5, 7 and then #, *Output* should read 57#).

The buttons should be arranged in a 3x4 grid starting at 1 (*See table 1*). The text in the buttons should be vertically and horizontally aligned in the center. As for the buttons and input field themselves you can design them in any way you think looks good, however take responsive design into consideration.

When this is done, add another button that when clicked logs out the sum of all numbers in *Output* ignoring all other characters; if the output reads 57# and the user clicks the sum button you should log out 12.

For bonus points have in mind that your code that should be testable, but for this assignment you don't need to actually write any tests.

1	2	3
4	5	6
7	8	9
*	0	#

Table 1: Dialer