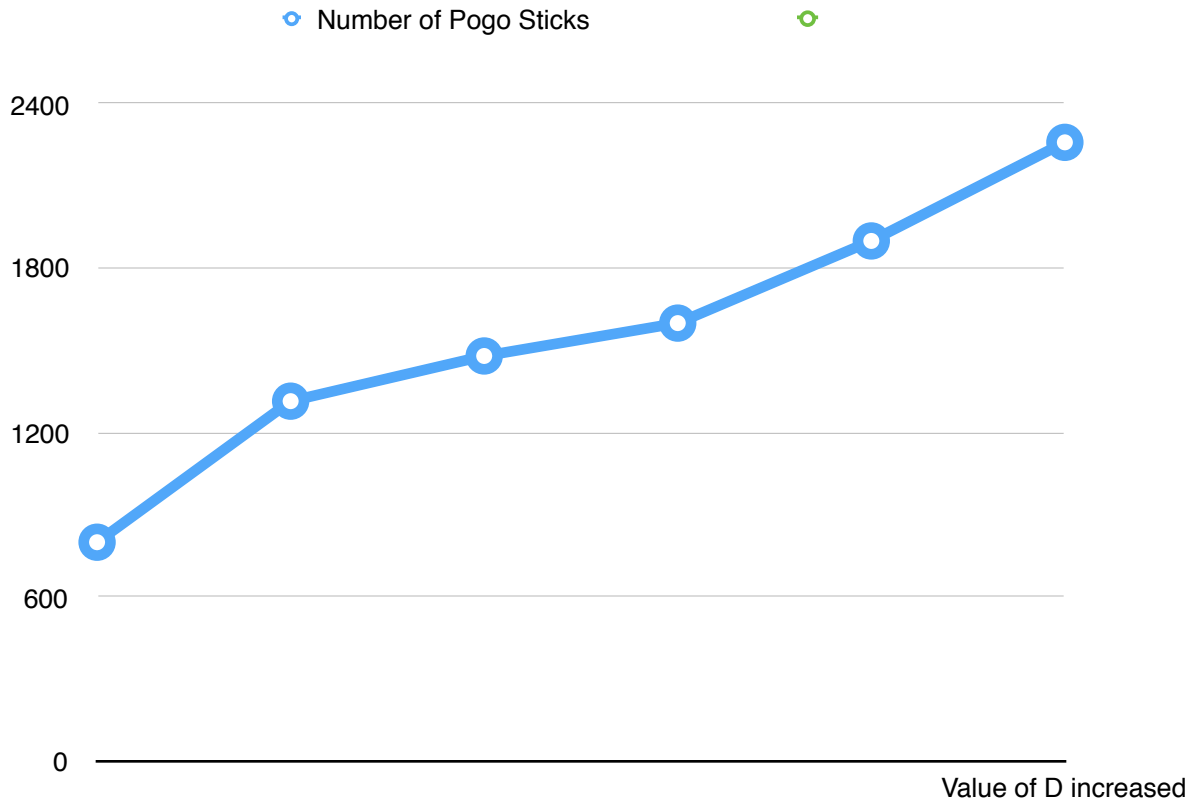

Key: 1 data point equals to roughly 100,000,000 nano seconds. The run time was roughly the same as the first homework when looking at the run time. It's a linear run time when looking at the graph, the first thing to recall is that the original algorithm D(representing our number of pogo sticks) and N(being the next goal) run time wise was Theta D^N. Yet when adding this new coins method for each pogo stick. The run time is still D^N, but now having some added extra time on the side, which we will represent as C(coins). So the new run time in respects to the graph is Theta(D^N + C).