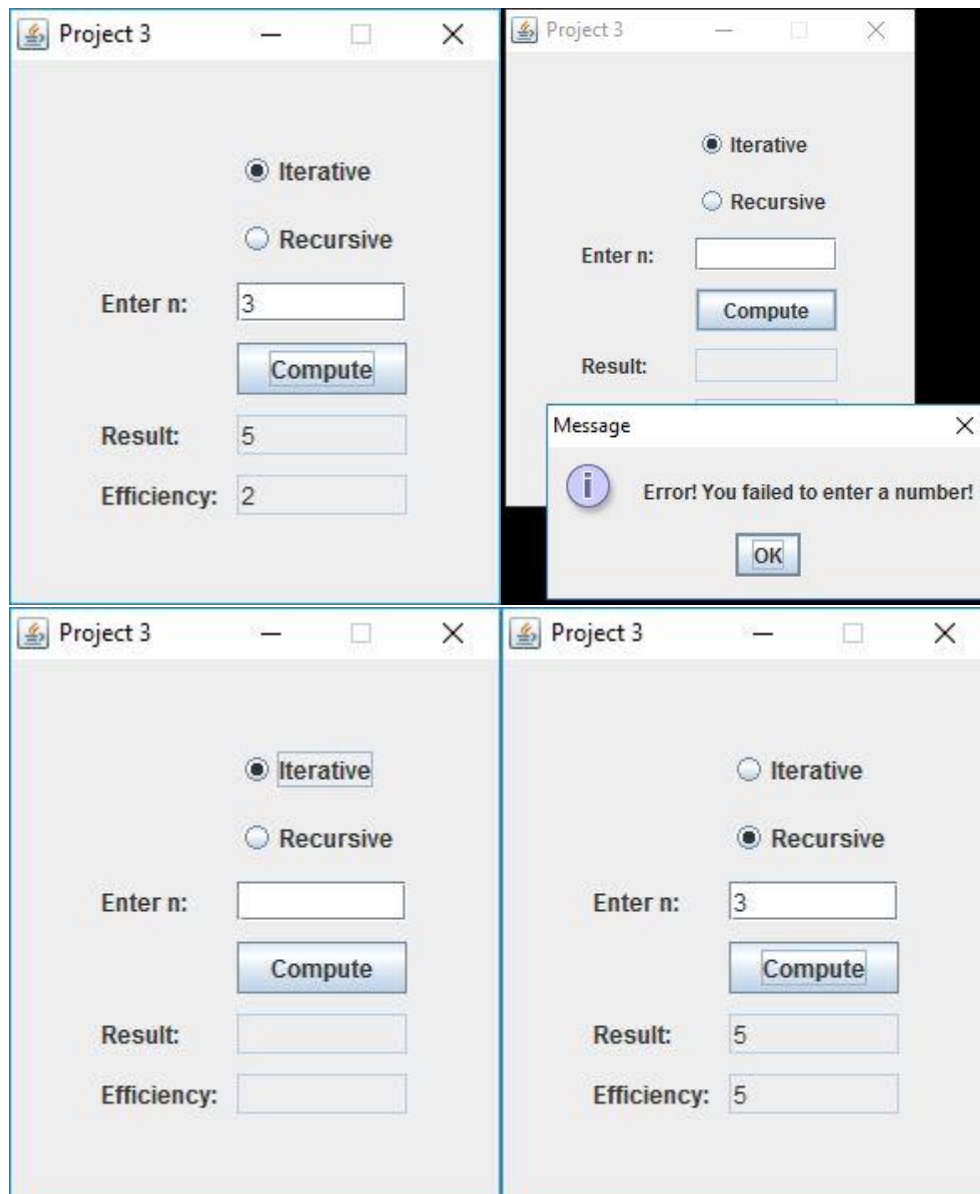
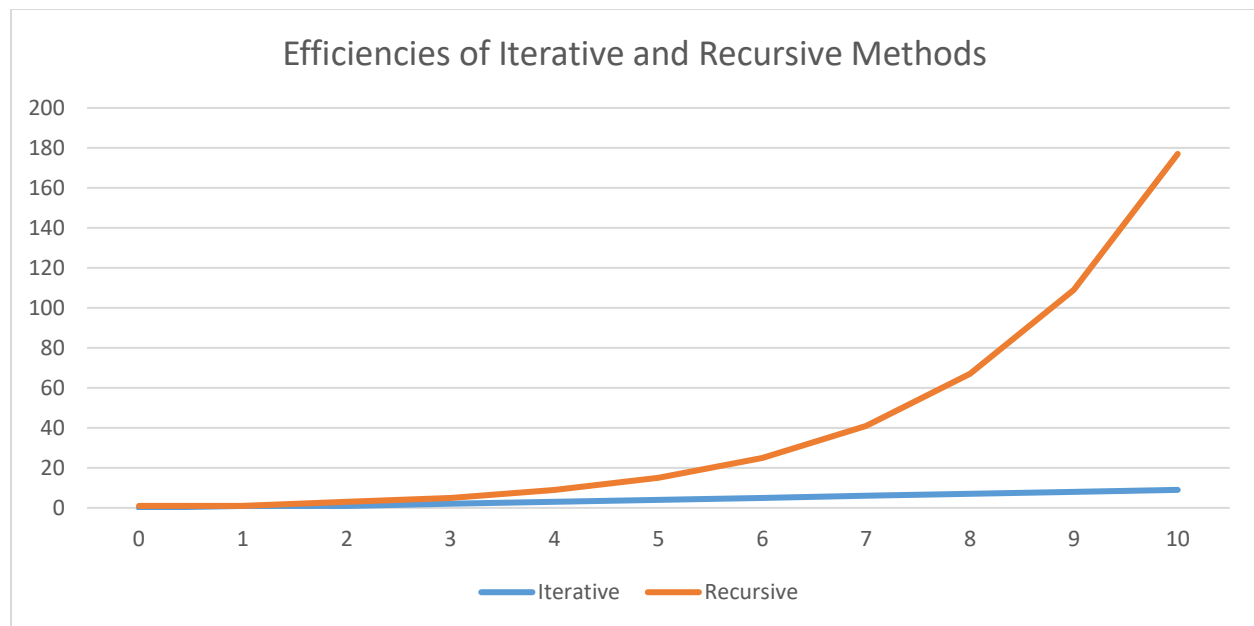


## Final Product





Above is window captures of the completed program, along with the graph I created with the exported csv file from the program.

## Test Cases

The majority of testing I did for this project was related to the iterative method's algorithm in order for the calculation to be correct.

#	Input	Output	Result	P/F
1	"4" - Iterative	Result – "11" Efficiency – "0"	Not calculating correctly	F
2	"4" - Iterative	Result – "12" Efficiency – "0"	Calculates correctly, need to calculate efficiency	P
3	"4" - Iterative	Result – "12" Efficiency – "3"	Works! But, efficiency keeps adding to itself when Compute is clicked multiple times. 3 ->6 ->9 ->etc.	P
4	"4" - Iterative	Result – "12" Efficiency – "3"	Everything is Correct!	P

Overall, I really enjoyed this project. I really like how it challenged me into thinking more critically when I was designing the methods. I had the most trouble in coming up with an iterative method that was equivalent to its recursive counterpart. If there is anything I could improve upon, please let me know!