You are to modify assignment 1 into a WPF app in addition to other modifications mentioned below..

As in assignment 1, you are to obtain certain input from users. Based on the input, certain calculations are to be performed and displayed. You need a function that calculates sin(2θ) and another function to display calculation results cos(3θ) . However, you are required to have 3 other functions (5 total functions). What these functions do is up to you and potential software developers who will use your software. These functions can perform various types of functions such as trig, log or basic polynomials. As in assignment 1, the user will pick a range and the number of intervals to calculate and results to be displayed.

The user should have the option to select one or more of the functions to be executed with results displayed.

I expect you to modularize your code (using different namespaces and components is required) and practice code reuse. If you have working code, but it is not modular and you don’t practice code reuse, do not expect anything more than a passing grade in this assignment. (If you have been paying attention, you should by now have an idea of what code reuse techniques to use).

Please submit a 1 page design document explaining why you structured this project the way you did (ie why did you have the classes or interfaces that you did, why you used static or non static method etc). 1 page is the maximum. Failure to submit this document will result in a mark of 0 in assignment 2. Poor justifications of software design can result in potentially losing 25% of the assignment 2 mark.

For those of you who are in two member teams, outside of the examples I did in class, select a minimum of 6 WPF features to use in assignment 2. For those of you who are doing the assignment by themselves, outside of the examples I did in class, you are to select a minimum 3 WPF features.

You can use features not mentioned in the class pdf examples. Please cite these in your design document. In your design document, tell me why you used the features you did.

Having a working and functional WPF app is worth 50% of the assignment 2 Mark. Aesthetics is the other 25% and being able to answer my questions during the demo is worth 25%.

You must submit and demo assignment 1 by the end of class July 26. However, do not wait to demo and submit till the last day. I will be leaving by 7pm on the 26th. If everyone waits to demo till the last day, I wont be able to get to everyone.