User’s Manual

**Program Overview:**

* This program displays trigonometric functions with each specific component of the function being capable of being modified.

**How to Display Functions:**

* Click on the “Graph” button in the main menu to enter the graphing GUI
* At the top of the GUI there are options to choose which base function can be displayed
* Click on one of the buttons to start viewing the graph
* If needed, the inverse function of the graph can be viewed by displaying the base graph first and then clicking the “Inverse” button.

**How to Modify Trigonometric Functions:**

* At the bottom of the GUI, there are text boxes that allow you to input integer or decimal values.
* Input a desired value and hit enter to apply the changes to the function displayed on screen

**How to View Transformations**

* Beside each text box there are buttons that enable you to view a specific transformation to a graph

**How to Find Coordinates**

* At the bottom right input an x value and the program will automatically return a y value as well as display the point on screen