

The purpose of this assignment is to gain familiarity with basic plotting. You can learn about these with the [Introducing Julia](#) page.

You won't need any more functions for this activity. In order to practice plotting, do the following:

1. Using your NACA 4-series coordinate function from activity 3, plot a NACA 2412 airfoil.
2. Explore the 3 NACA parameters by plotting (and labeling) several NACA airfoils (you may try a 0008, 0012, 2412, 4412, 2424, etc.)
3. Adjust several line parameters such as line color, style, and thickness.
4. Learn how to turn the grid off/on.
5. Adjust the legend to have no border and a transparent background.
6. Learn how to adjust the x and y limits of the plot, as well as the x and y tick labels.
7. Save your figure as a .pdf file.

When you are done, you should have a figure resembling fig. 1

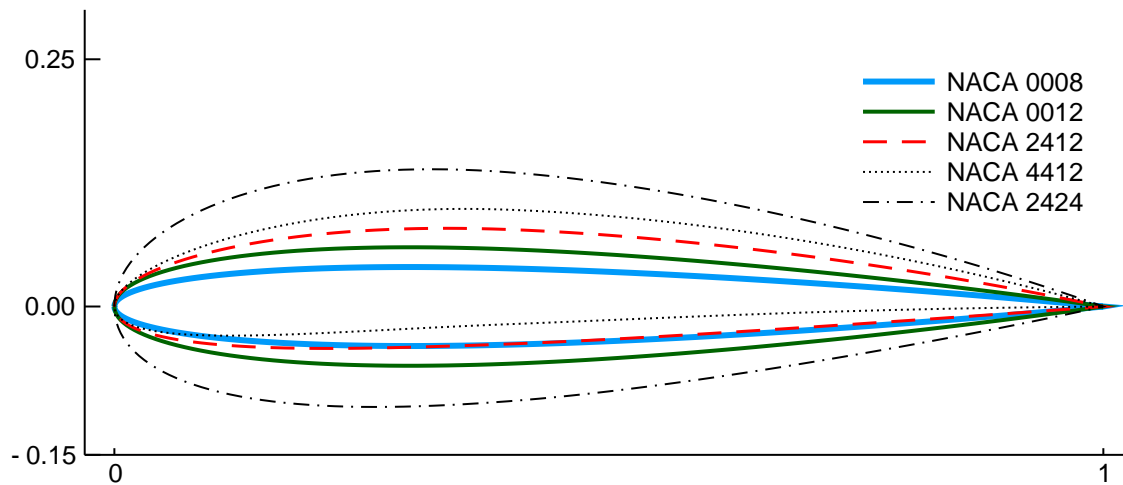


Figure 1: An example output for this activity.