***Submission****: Plot all the solutions on one graph. (After each initial condition, rename your output file so you save all the data for plotting or, have a character variable for a file name and ask the user for an output file name.) Implement Runge Kutta Method*

*A graph of a function

Description automatically generated with medium confidence*

***Extra Credit:*** *Implement Backward Euler’s Method and reproduce the plot again with this output*

***A graph of colored lines

Description automatically generated***