Coding type question

C1. Use the cubic spline method to approximate as best you can the curve formed by going along the top of the dog, from the leftmost point on the tail, to the rightmost point on the ear. You are limited to at most 41 nodes/datapoints, and 5 splines. You should write the spline algorithms yourself, though you can reference a book such as [BFB]. Include both your code and the figure that is the output of your code.