MATH 321-01 (161)
MATLAB # 2
Due Nov. 24, 2016

Write a MATLAB code to create the Natural Cubic Spline. The code will use the MATLAB built in backslash operator to solve the system $Ax = b$.

Another useful command is: zeros(n).

Modify your code to find the Clamped Cubic Spline.

Use your code to form both the natural and the clamped spline to approximate $f(x) = sin(x)$ on the interval $[0, \pi]$ using the two interior points $\frac{\pi}{3}$ and $\frac{2\pi}{3}$.