## Assignment 5

For 2D and 3D implement the 4 geometry-specific routines outlined in the notes. Use previously implemented data Structures to gather are input data to each routine.

Then implement the following looping structure:

for e=1, --, nee

\* gather element nodes { Ka3}

for i= 1, ..., ngpt (Test for different 5 values

 $\times$  compute  $\chi^{e}, \left[\frac{\partial \chi_{i}}{\partial \xi_{i}}\right]$ 

\* Compute integral Scaling

\* Compute n

\* compute [ DNa DNa ]

Test the looping structure to make its producing valid