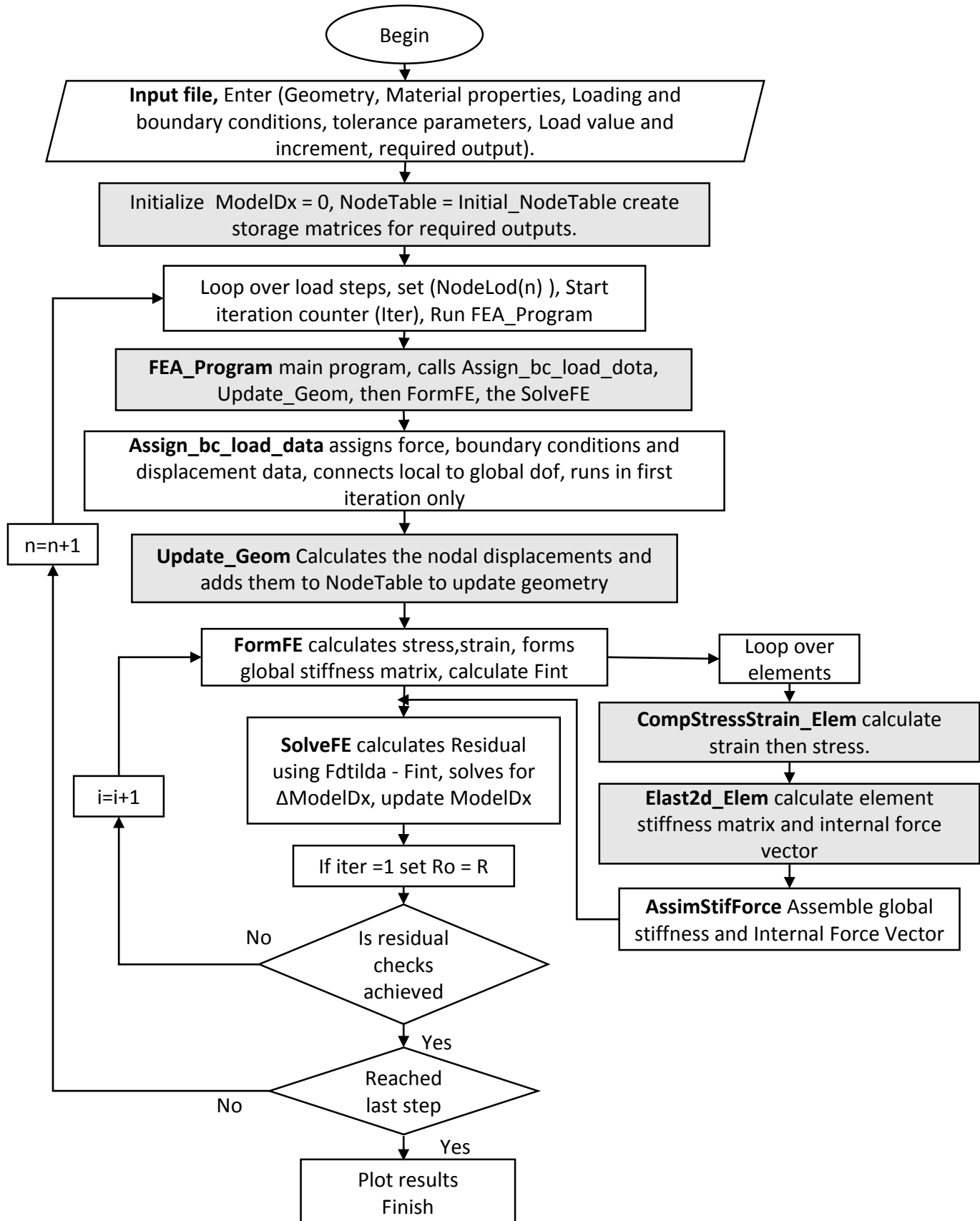


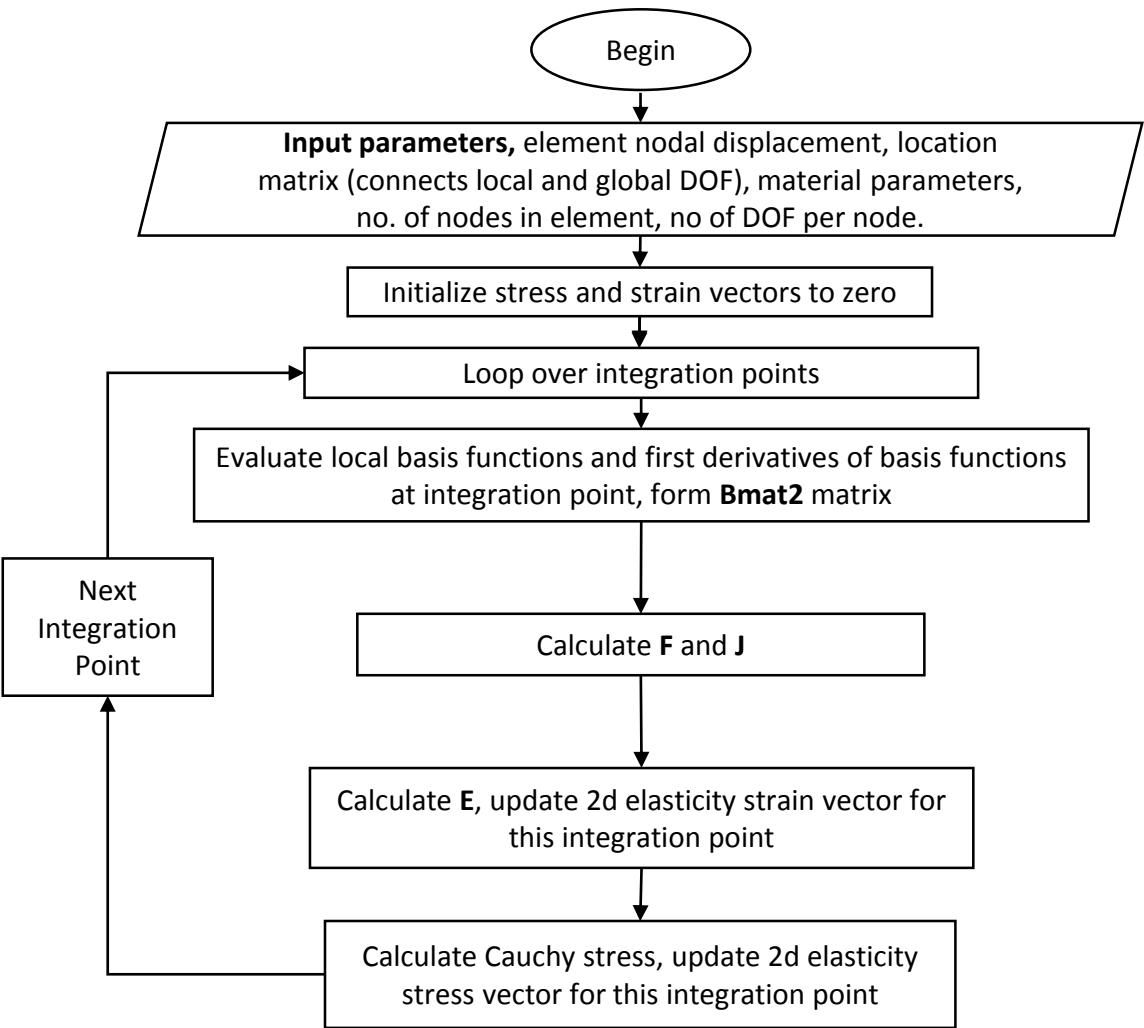
Flow Chart for Problem 4:



Note:

The places where the small-strain code needed modifications are shaded.

Flow Chart for CompStressStrain_Elem subroutine (Calculates Element stress and Strain):



Flow Chart for Elast2d_Elem subroutine (Calculates Element stiffness matrix and internal force vector):

