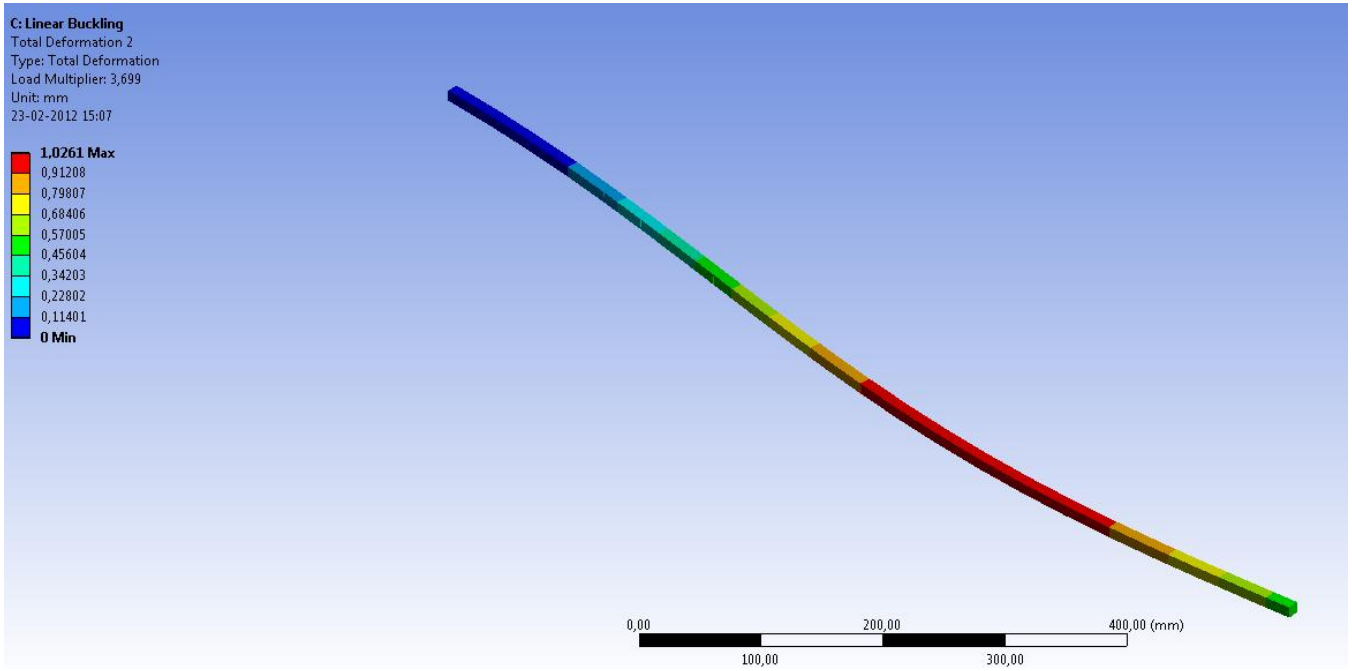
Simple buckling analysis
Workbench 14.0



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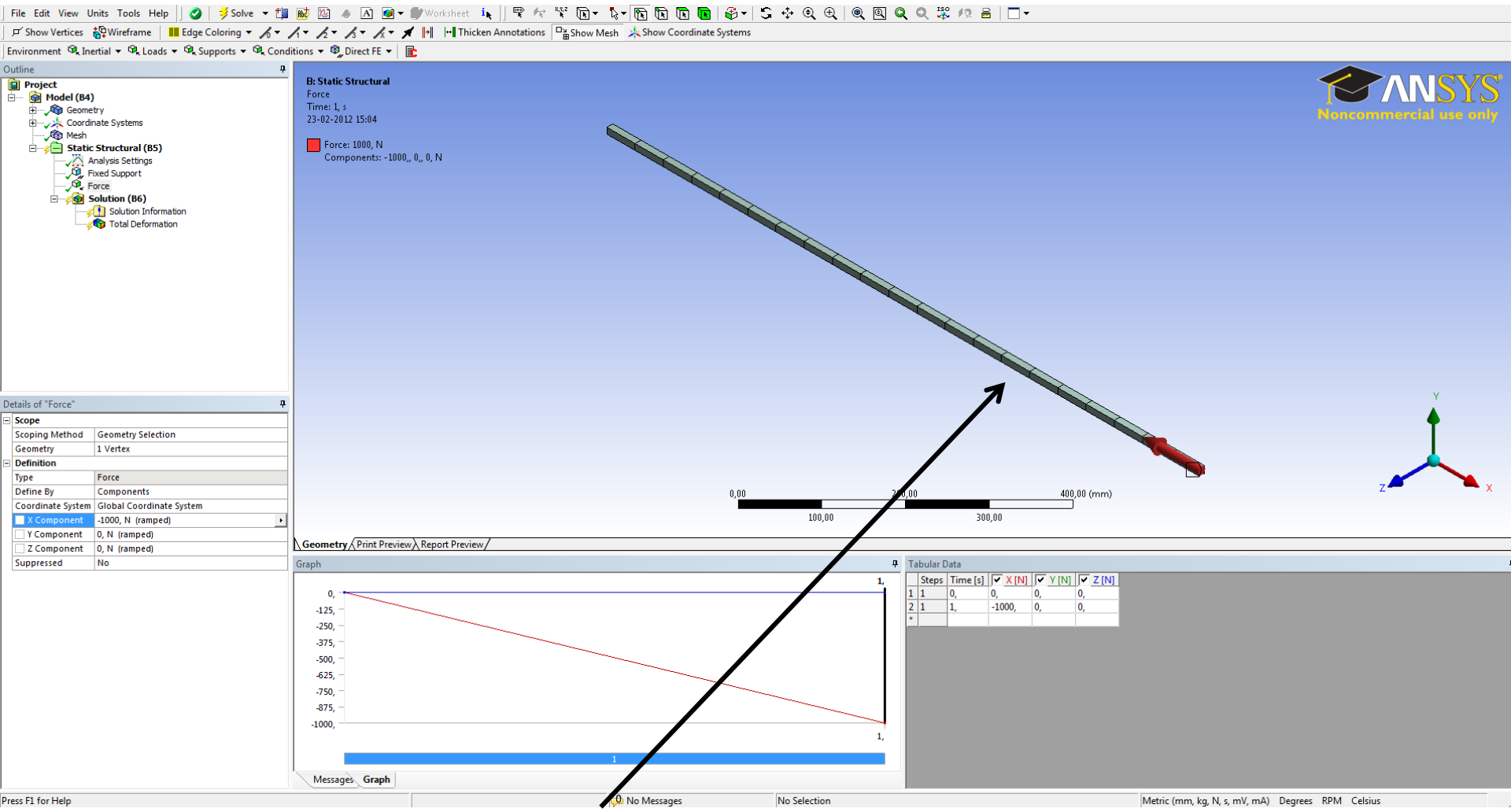
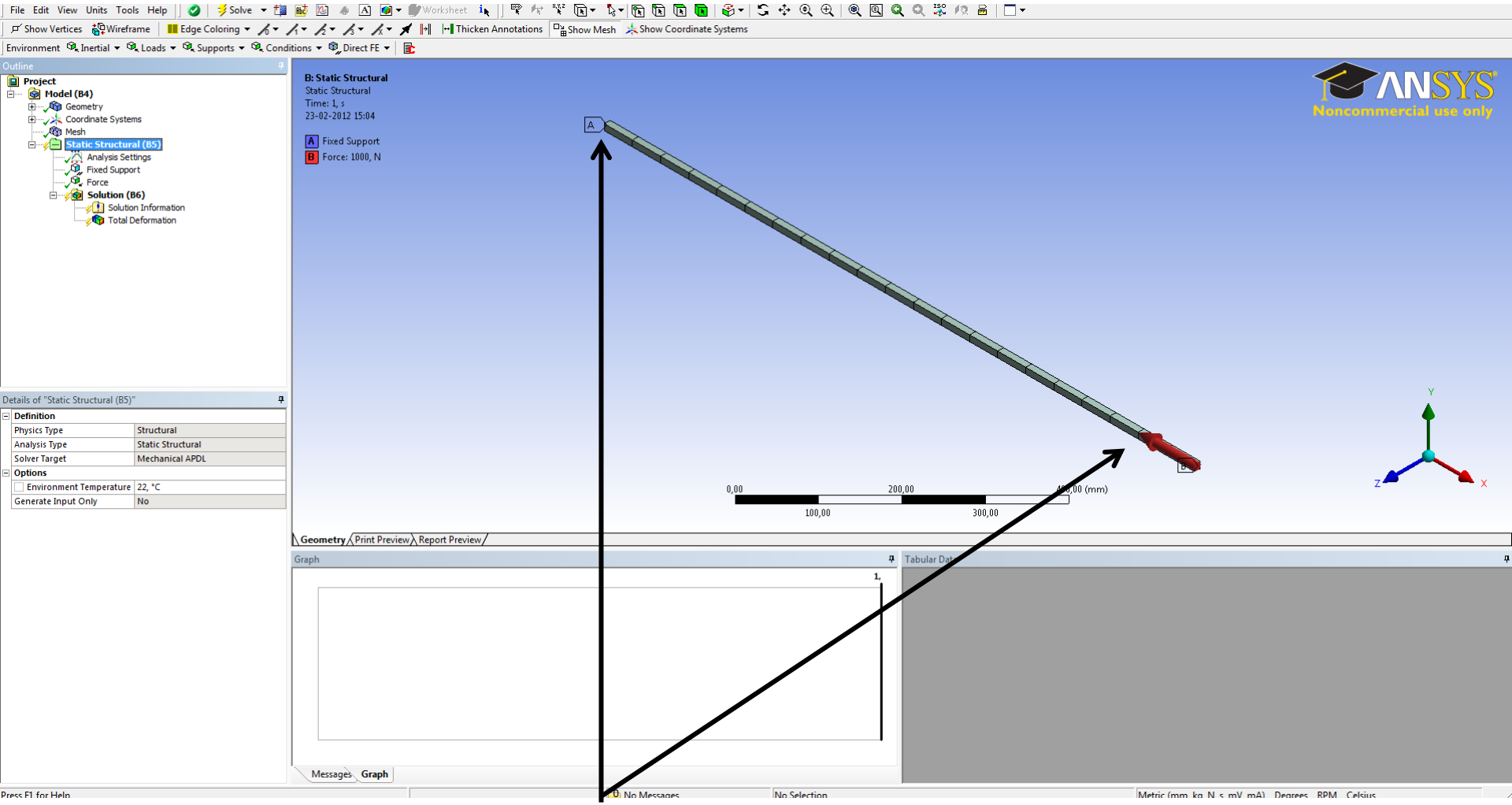
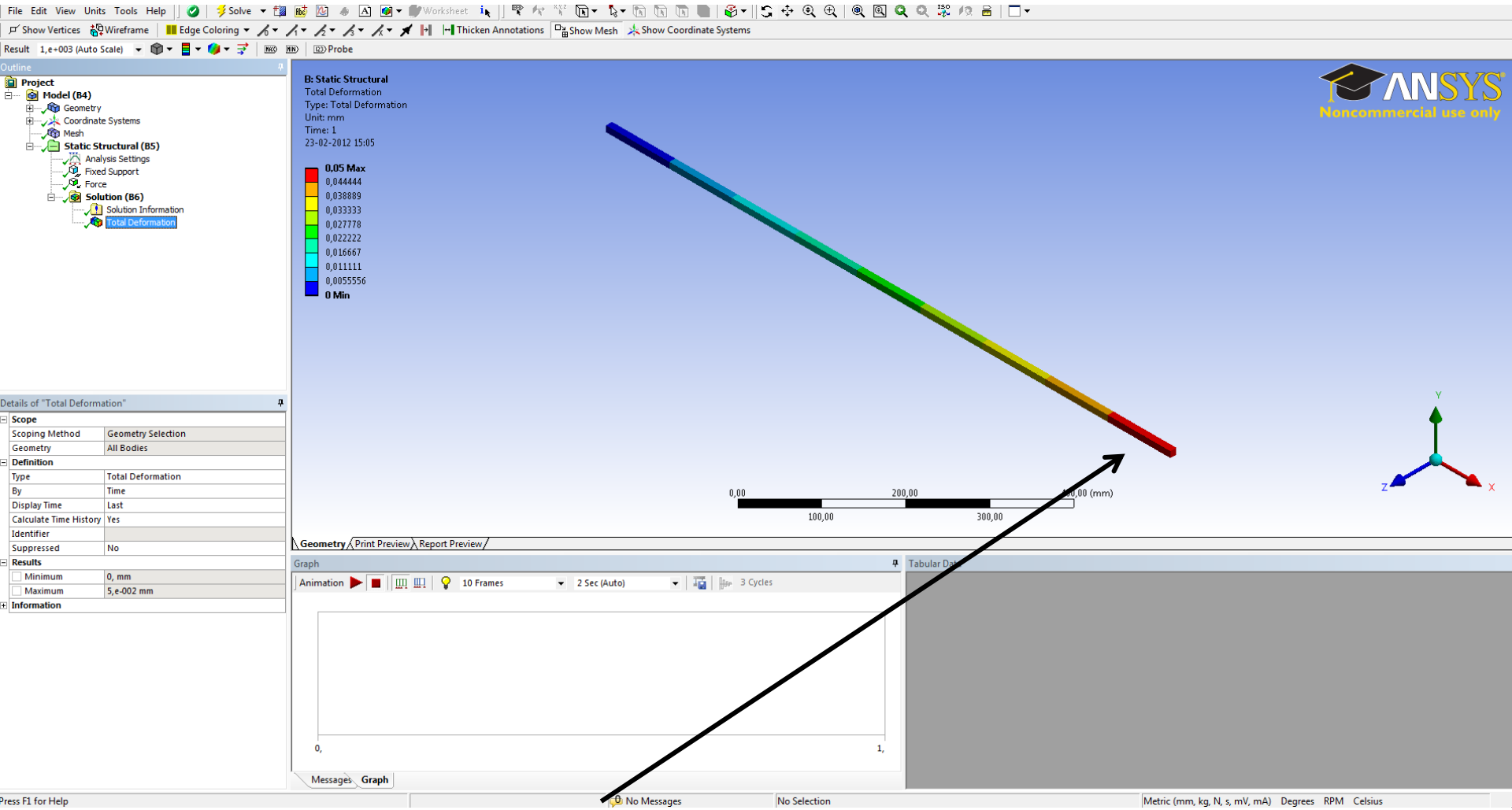


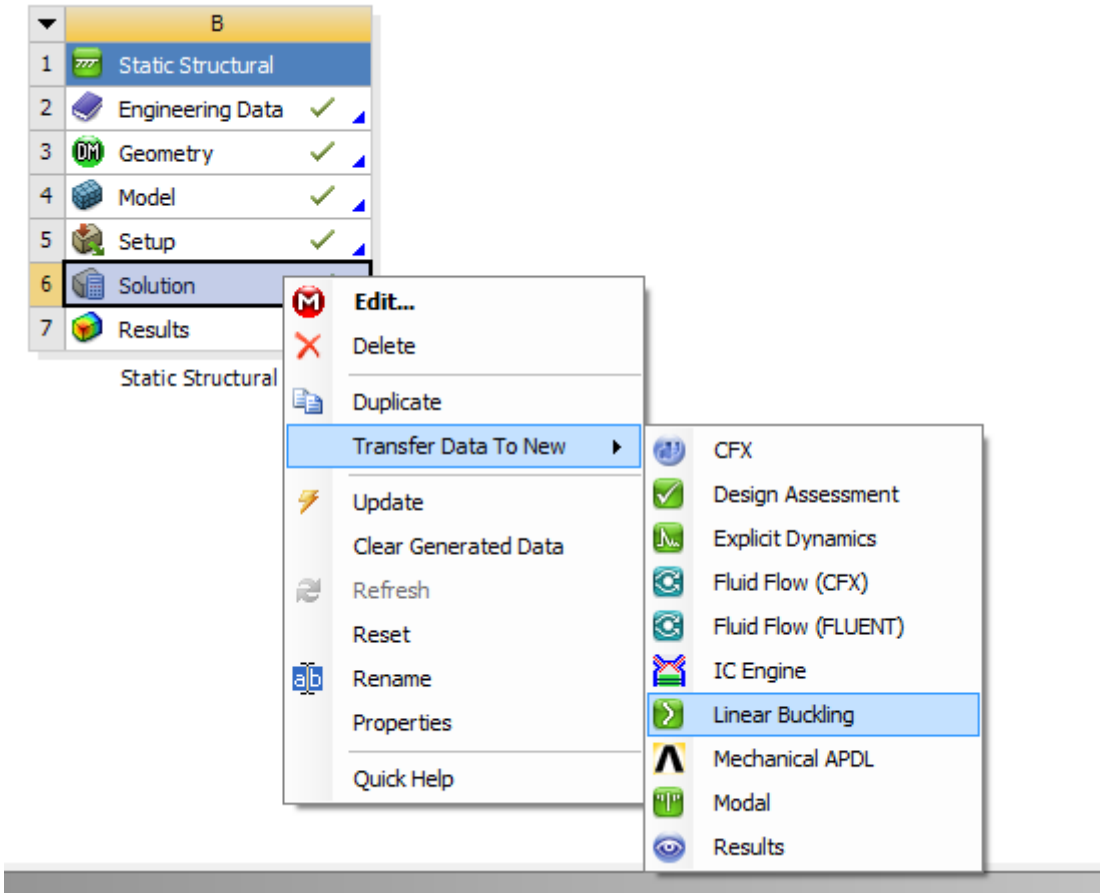
Start a static structural analysis and insert the boundary condition. In this ensample a Force at 1000 N is used.



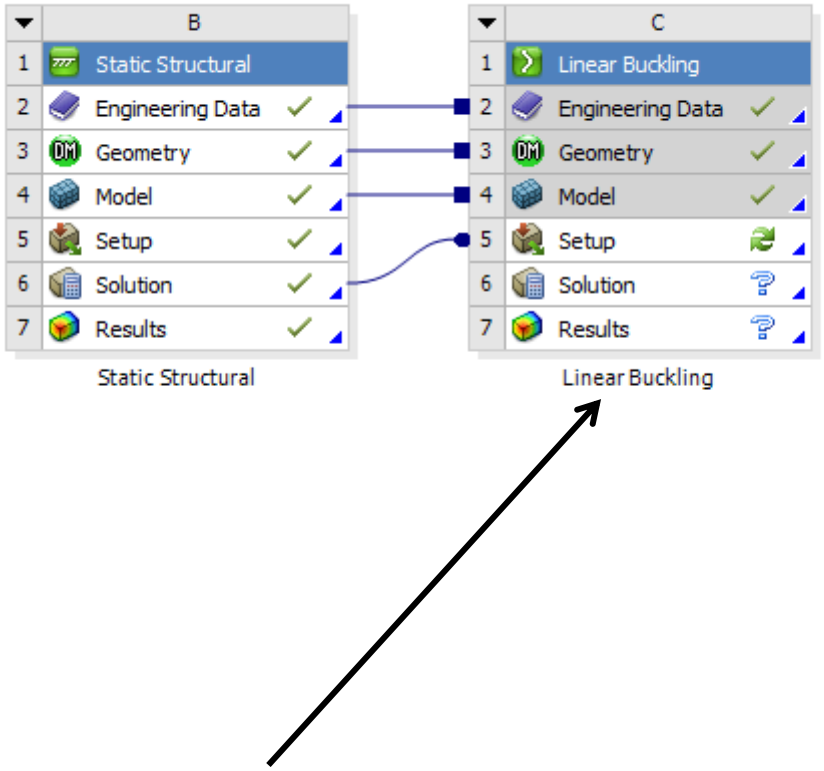
1000 N force and a fixed support.



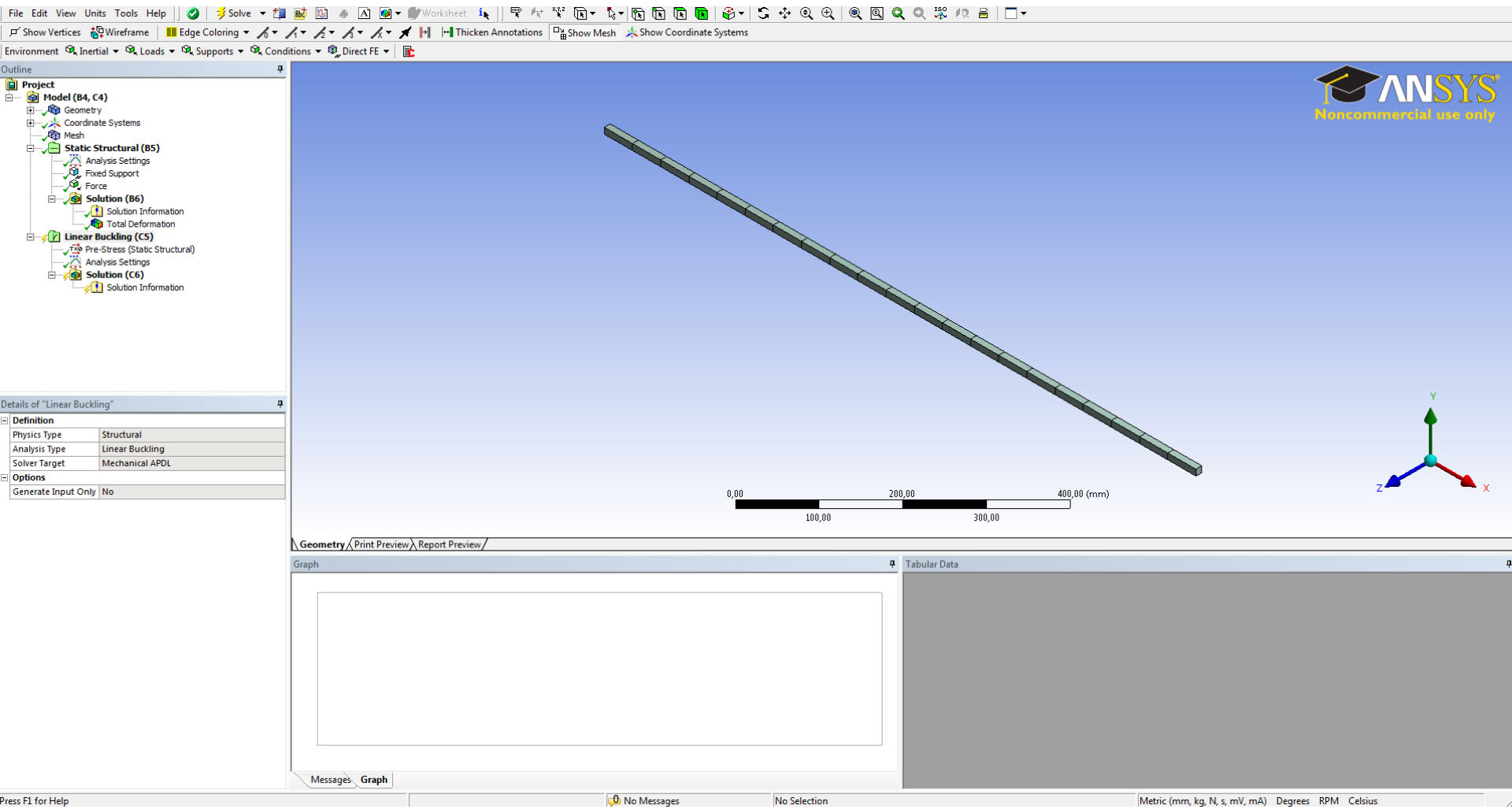
Then solve and plot the deformation and close the window.



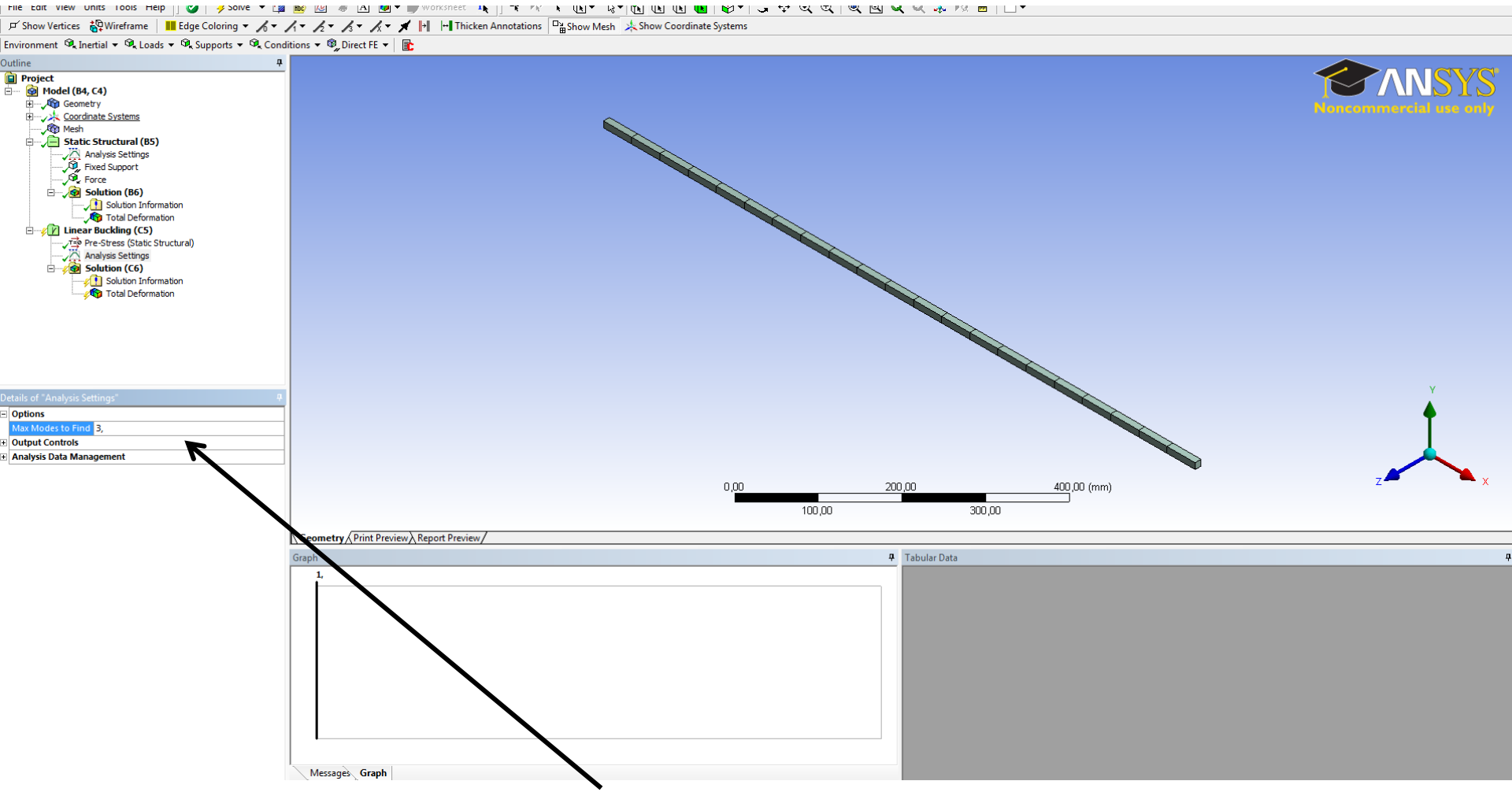
Right click on the solution and click on Linear buckling.



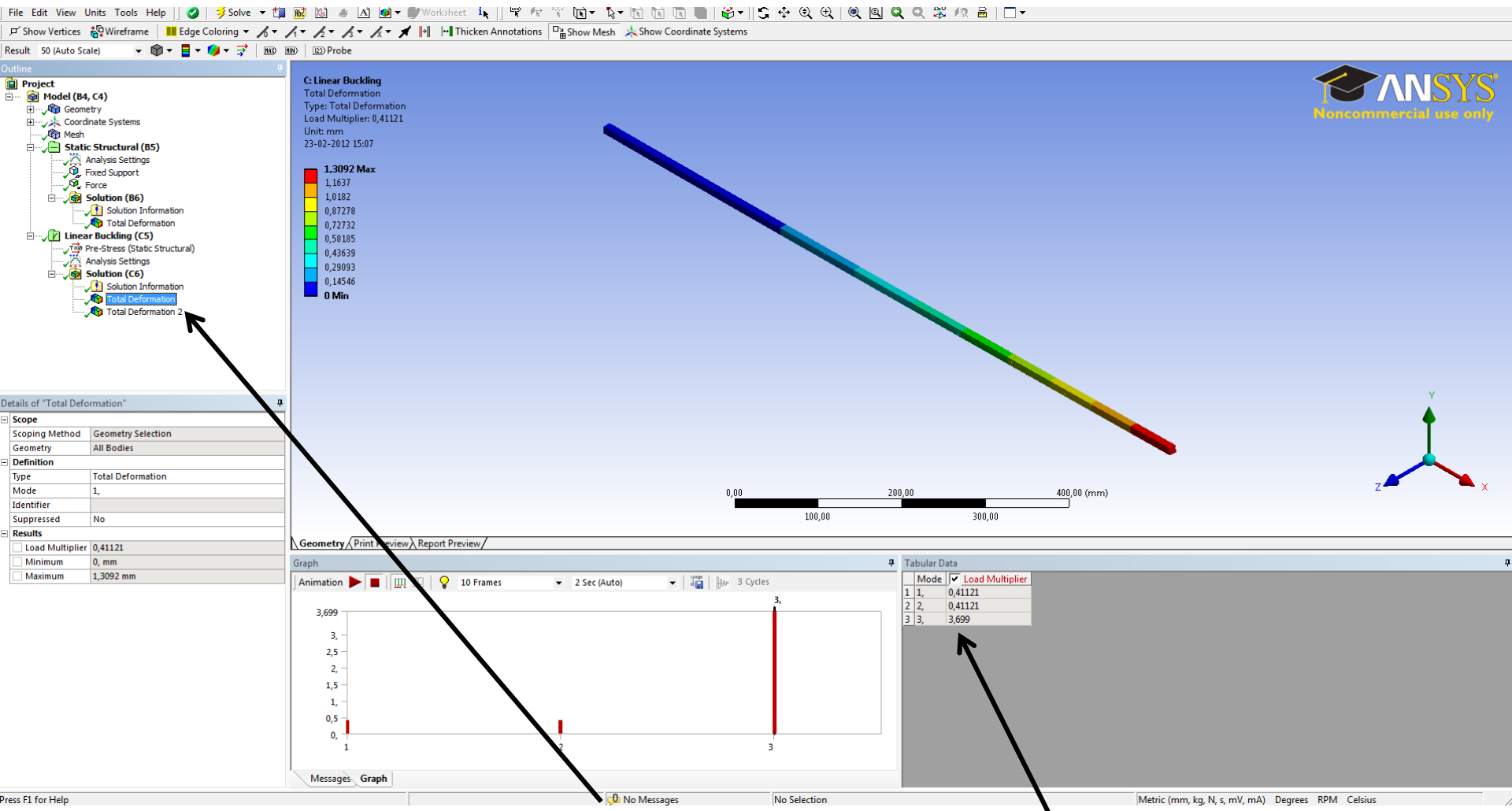
A Linear Buckling will start and use the data from the Static Structural. Double click on Setup at the Linear Buckling analysis



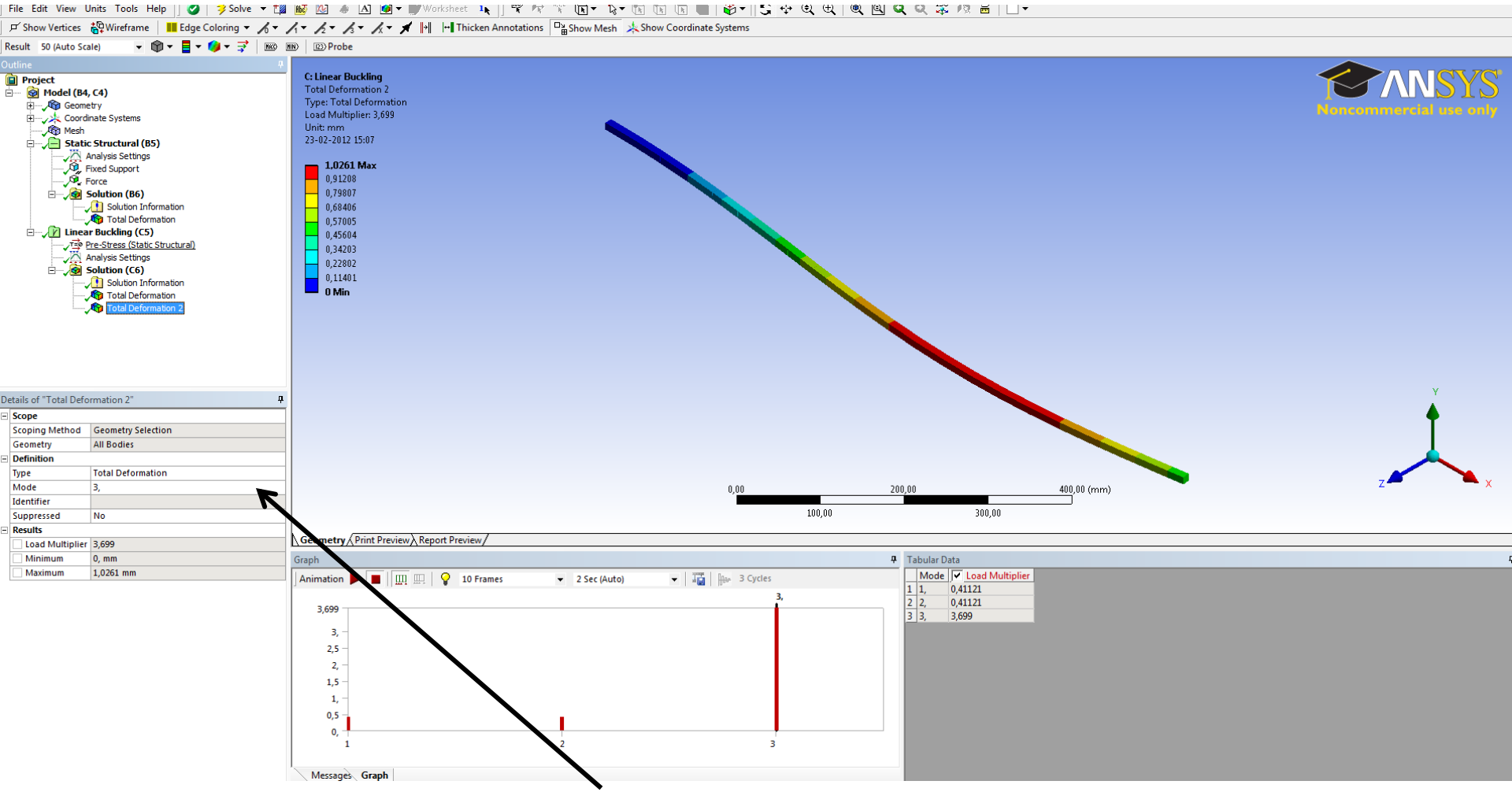
Then this windows will appear



To find the first 3 mode by set the max modes to find to 3 and solve



Plot the deformation at the left the buckling multiplier level are shown.



Plot buckling mode 3 by changing the mode number to 3 and solve.