MECH 300 Assignment # 6

Using FEA determine what is the maximum force $F$ one can allow to act upon the part shown below. The part is made from ordinary steel and the required safety factor is 2.

Summarize your FEA results here (don’t forget to give units!):

Force applied for my FEA was:

Maximum stress I obtained was:

Allowed maximum load is:

Staple this sheet with your FEA results printout and submit by the end of week 8.