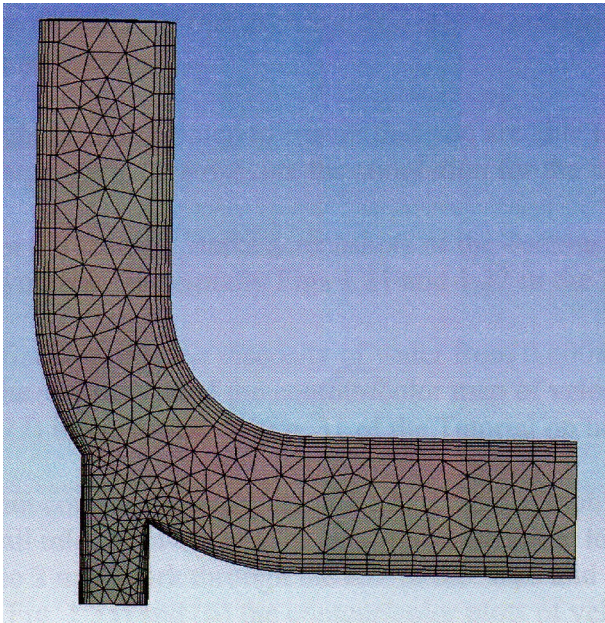


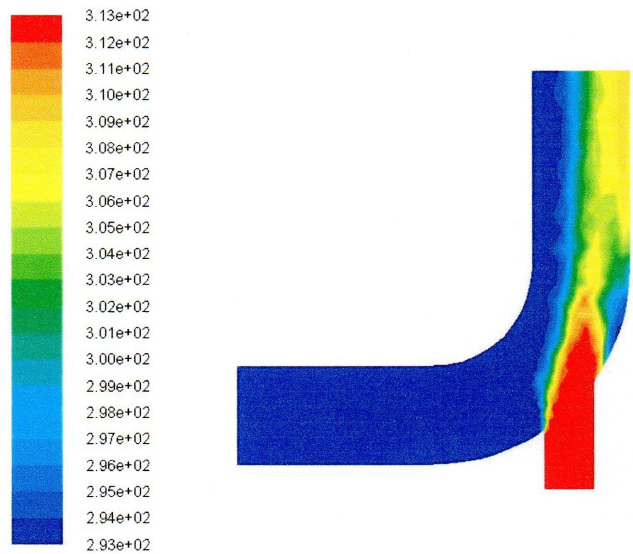
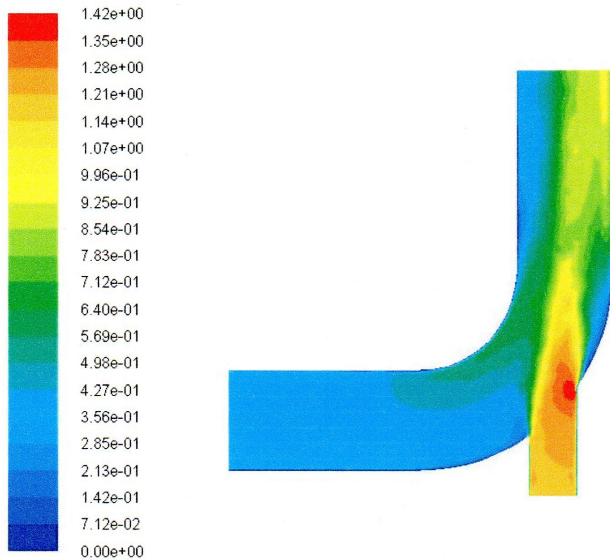
Prob 1(a) : The results are similar to those shown in the Tutorial and are not repeated here. As explained in class, minor discrepancies between your plots and those in the Tutorial are acceptable.

Prob 1(b) : The results are actually very similar to their counterparts in Prob 1(a). The effect of changing the viscosity is minor in this case. We will discuss more in class.

Prob 1(c)



Screenshot of the mesh with an enlarged small inlet



Screenshots of velocity (left) and temperature (right) in the plane of symmetry. Minor deviations from these plots are acceptable.