1
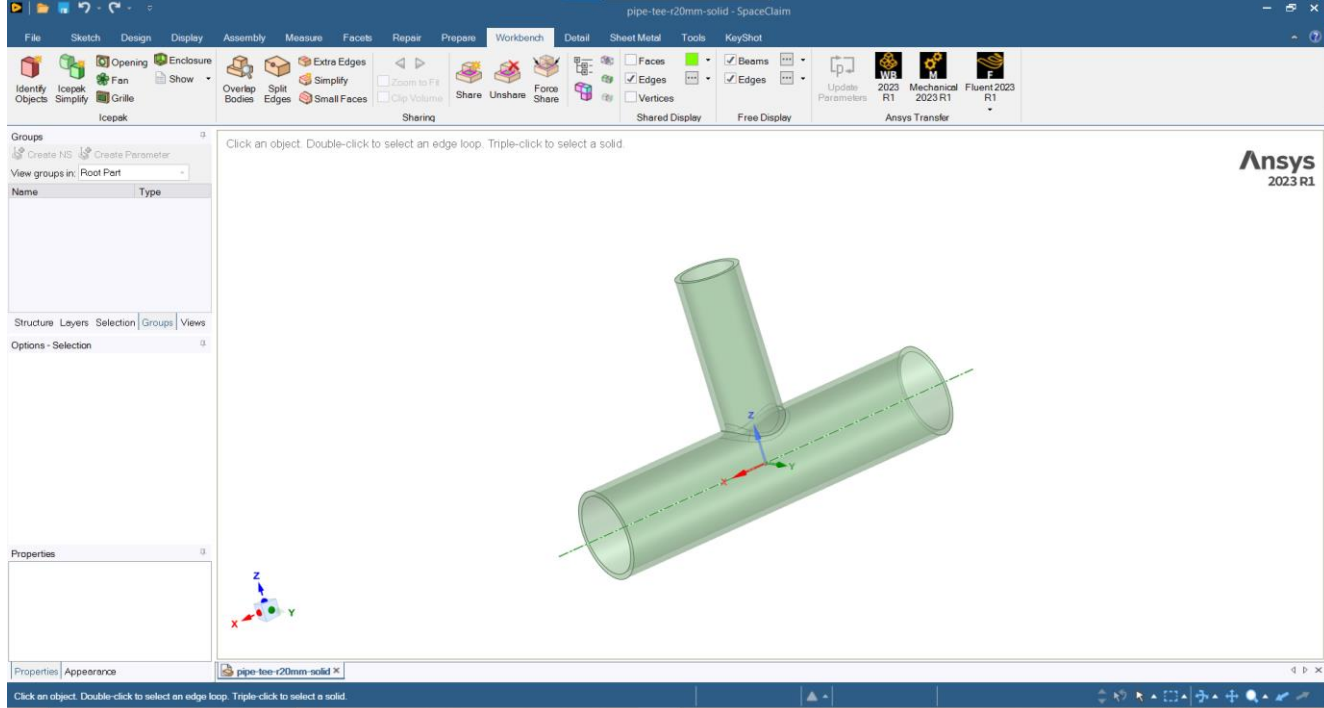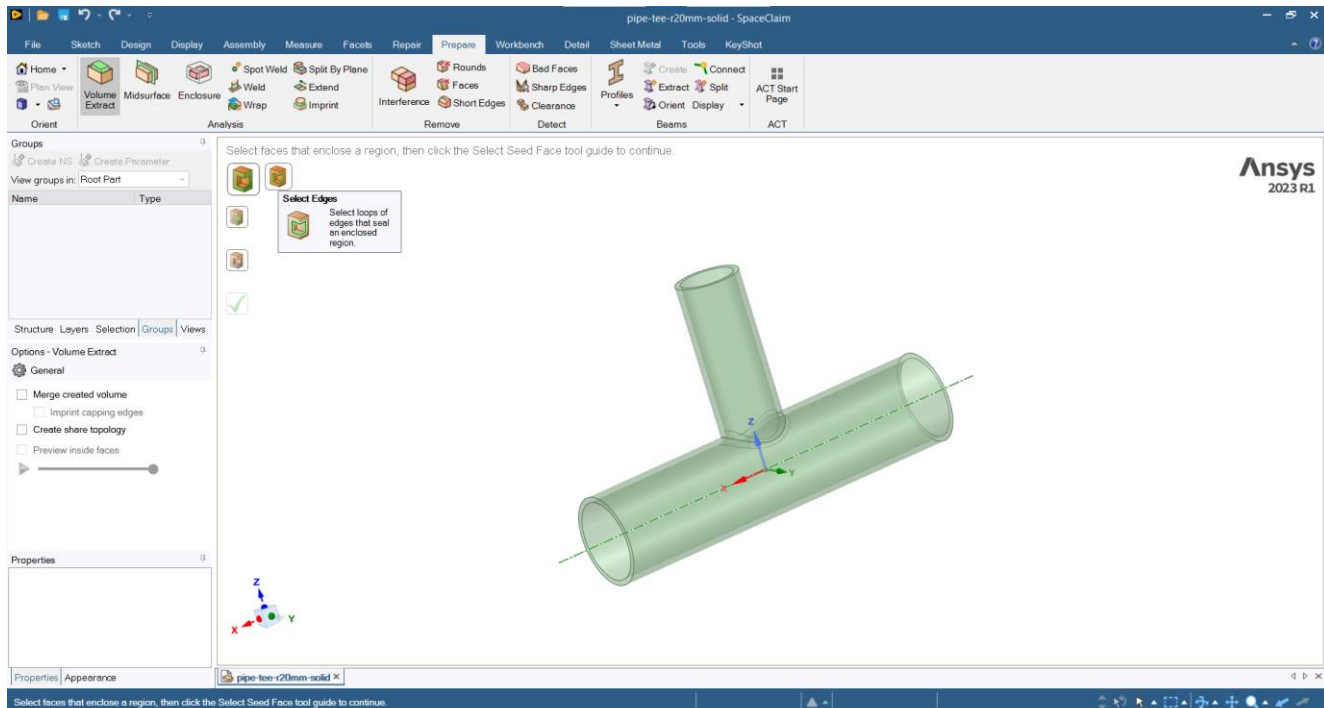
In the Tutorial 1 pdf, skip the first part and go to page 43, start SpaceClaim and open "pipe-tee-r20mm-solid-scdoc".
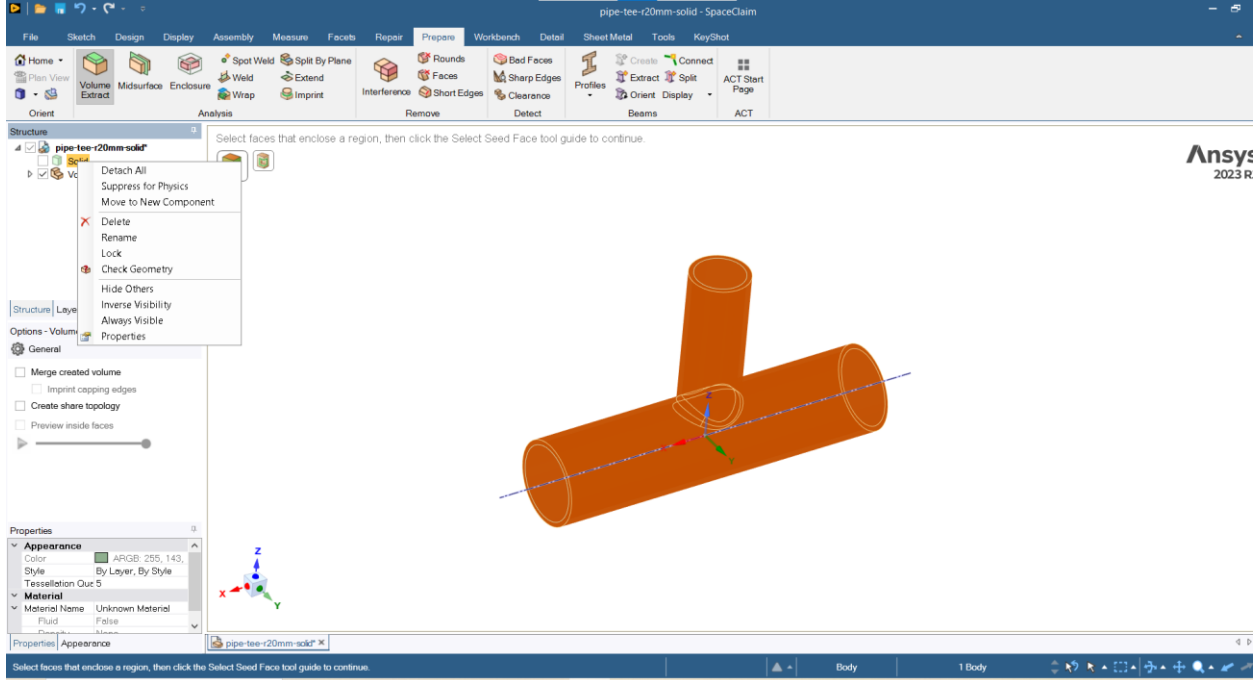
2

Prepare>Volume Extract>Select Edges

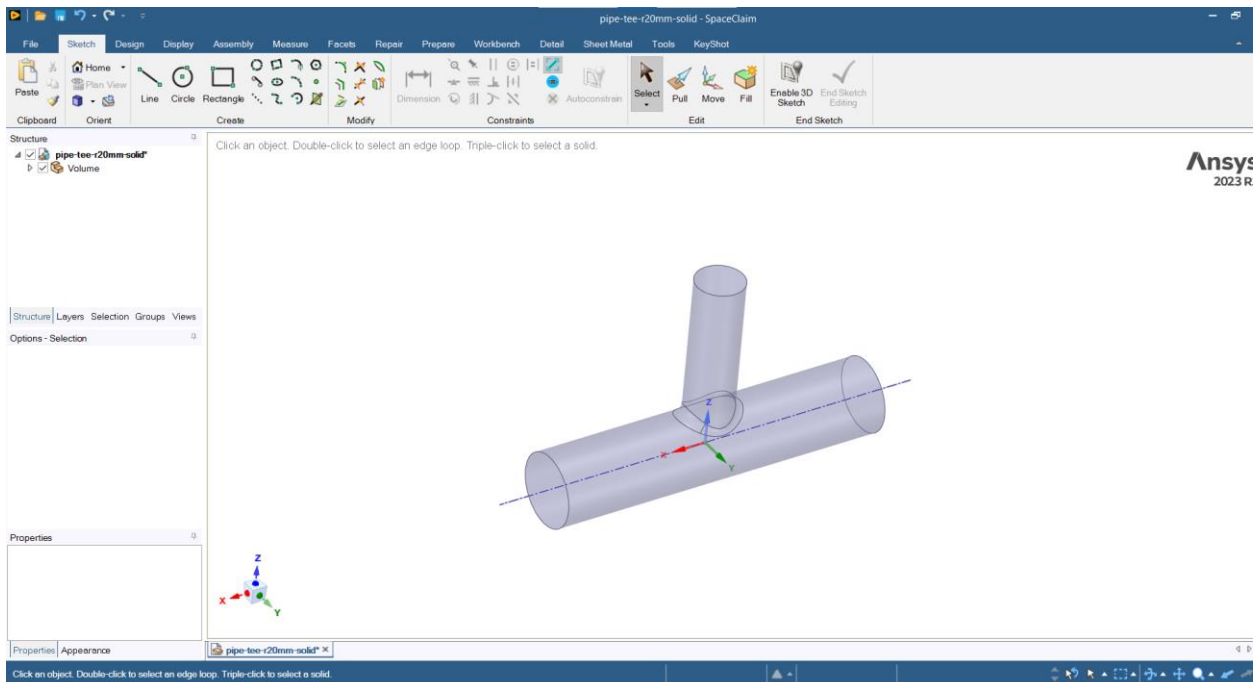Then select the three internal edges of the pipe endings

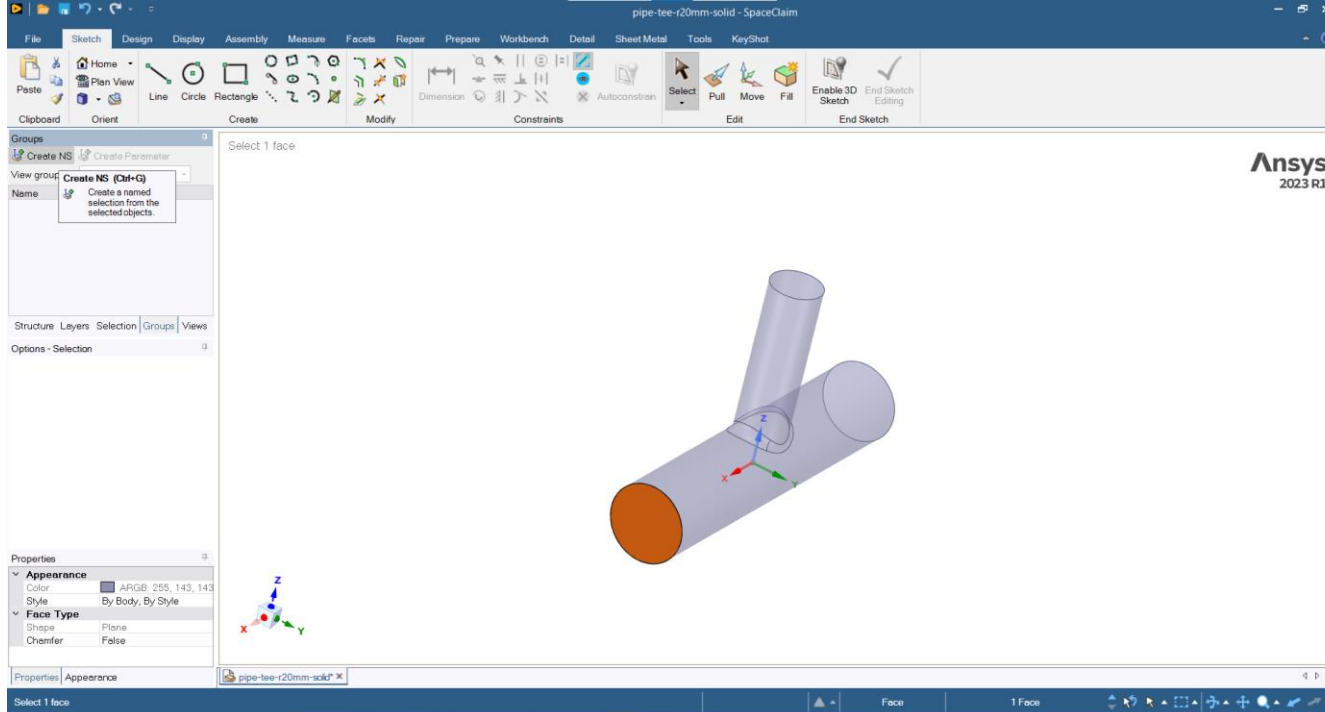In the left column, select the "structure" tab, select "solid", right click and "delete".

Only the internal volume will remain available.

3

4

Sketch>Select

Select a face you want to name (or a group of faces, by keeping CTRL pressed), then in the left column, select the "Groups" menu, then "create NS" and give each selection a name

Please give meaningful names (I suggest *inlet1, inlet2, outlet, wall*): later you will need them!

You will find these names in Fluent when you open it. Save the file in .scdoc.

5

Open Fluent, choose "Meshing" mode, ≤4 parallel processes and press start.
When opened, in the tab "workflow", choose "watertight geometry" and proceed with the Tutorial from p. 46 to 55, then save your mesh (.msh.gz) and press "Switch to solution" (Fluent). Follow instructions p. 18 to 41