

Recap

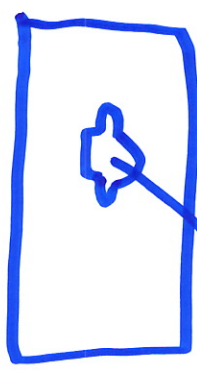
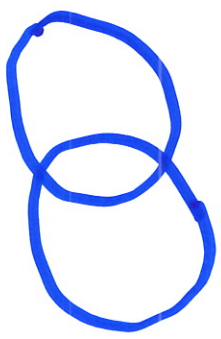
(Lec 23)



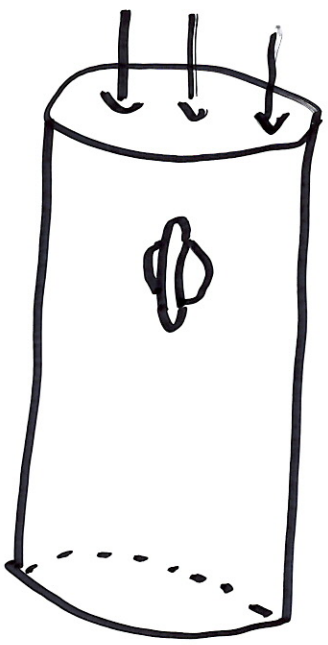
- Simple approach for geometry
- lift/draw

Task 2

"Boolean"



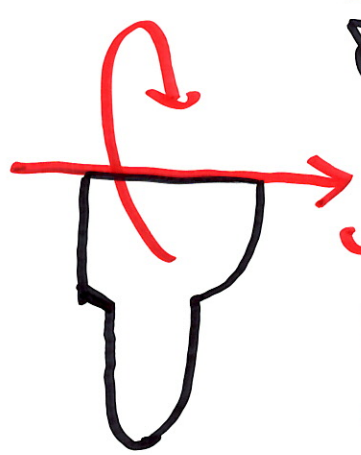
Subtract out



* Do NOT WANT to put "solid" inside the

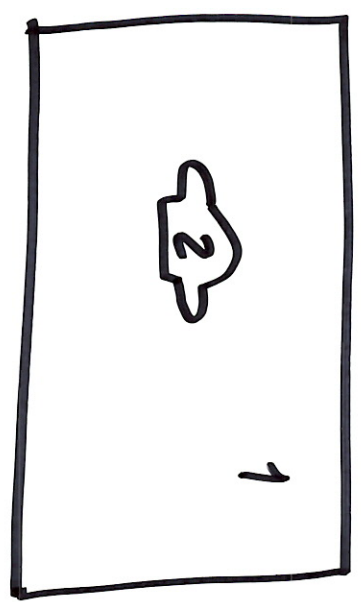
* WANT TO carve it out of the domain

data file y axis



3D Curve

Boolean

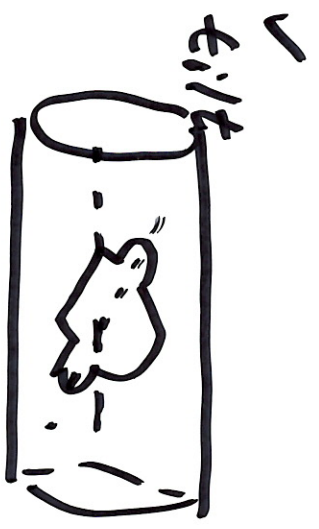
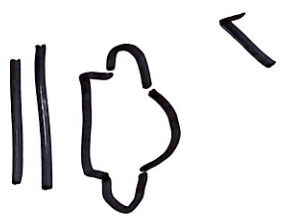
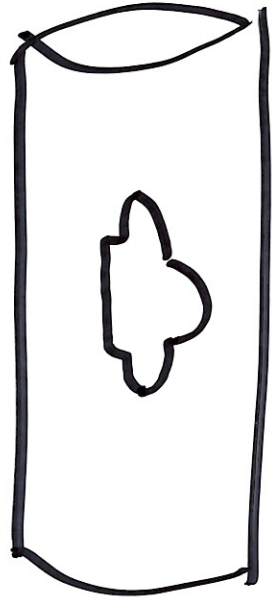


Subtract 2 from 1

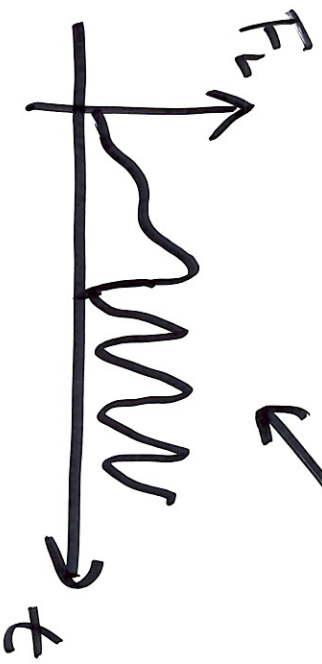
one to throw away:

tool body

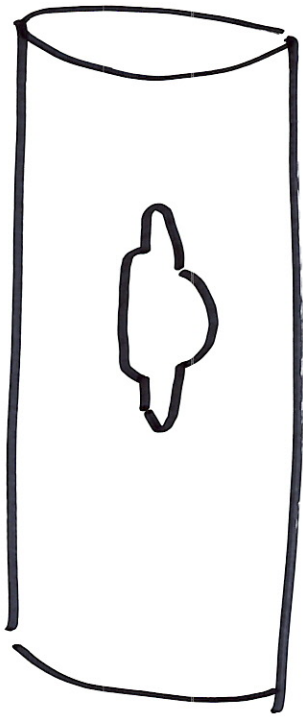
one to keep: target body



~~Format~~ behavior of the runs



Task 1 Transient w.r.t t
 Task 2 Steady w.r.t # of iter



F_L

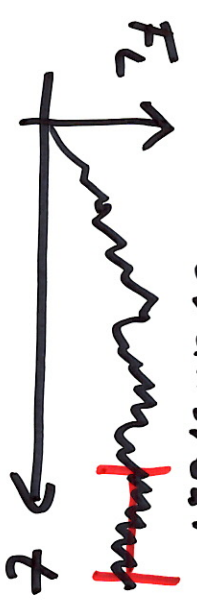
Task 2



best
 iterative
 method
 plot

Report file

alternative: transient



Task 3 : Deliverable:

~~Ex~~ F_D — Pressure term

viscous term

Fluent: No built-in

for report definition

monitor

total disc

F_D



use the last iter.

of iter



Final Exam (70%) — ~ 70 multiple-choice Qs

Dec 9th 12:10-2:00 PM

same classroom
d: next time

Comprehensive

✓ closed-book

Proj 2

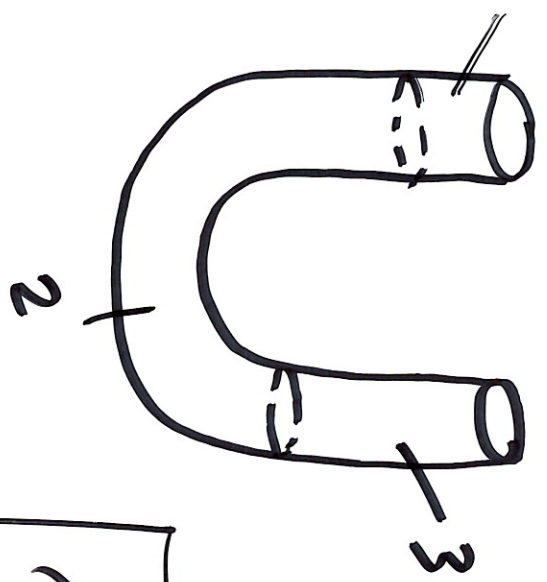
Task 4

H

volume of air column in left leg

air phase 1 VF1

water phase 2



∫ VF1

3-phase
 phase 1 air
 phase 2 water
 phase 3 air 2

