Summary

- Speed of sound $v = \mathrm{sqrt}(B/\rho)$

- Intensity $\beta = (10\ \mathrm{dB}) \log_{10} (I / I_0)$

- Standing Waves
  - ➜ $f_n = n\, v/(2L)$ Open at both ends n=1,2,3…
  - ➜ $f_n = n\, v/(4L)$ Open at one end n=1,3,5…

- Doppler Effect $f_o = f_s (v-v_o) / (v-v_s)$

- Beats $\omega_L = \dfrac{1}{2}(\omega_1 - \omega_2)$