Jan 12

- Leaking of gas could contribute to systematic errors/uncertainty in the result
- P0 and P1 are both recorded by eye. This could lead to errors

Jan 14

- According to the data from the leak test, leaks contributed to approximately 0.03 kPa of pressure decrease over a 30 minute period. Given that, it is unlikely to be a large contributor to error.
- Order of gases? Use Nitrogen to flush? It is inert
    - According the posted lab book, it was simply the gas being tested used to flush
- Data Taken: Oct 30, 2020
    - H = (101.5 ± 0.2) kPa

Jan 18

- Air is largely composed of diatomic gases (Nitrogen, oxygen), but not completely. It's certainly not an ideal gas.
    - Value of dry air at 20 C is about 1.4, so that's pretty much consistent with a diatomic gas.