



9) Bottle Tone

Reporter: Croatia

Opponent: Switzerland





Problem

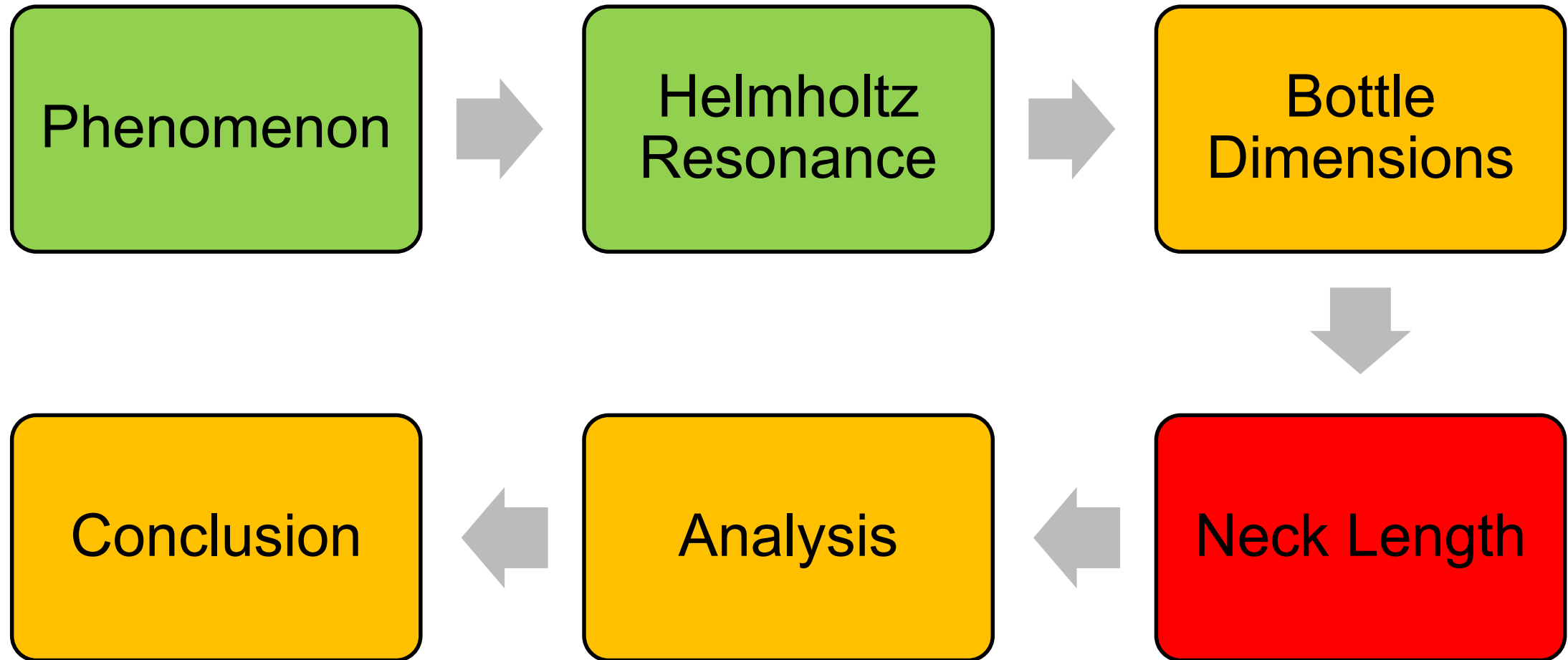
9. Bottle tone

Take an empty bottle and **blow air across its mouth** to produce a sound. Now fill the bottle with some **water** and study how the **sound changes**

Task fulfilled



Outline of Report



 Good

 Ok

 Needs Improvement



Strengths and Weaknesses

Strengths

- Helmholtz resonance
- Controlled set up
- Oscillation of plug of air in the neck
- Checked different neck lengths

Weaknesses

- No explanation of the error of coefficient
- Clean tone definition
- No error bars
- Set up explanation
- No knowledge of edge cases
- Neck extender different material



Discussion

