Name: Swagoto Surjo Dutta Roll No.: 21NA30033 Week 1: Structural Lab

Submission consists of:

1. A GitHub repository: Please download the folder in your local system and run the ‘main.m’ file. This will ask you for a custom value for the draft (z\_i) and give you an output as the Displacement (Δ), VCB, LCB, and LCF.  
     
   The link to the GitHub repository: <https://github.com/Swegbloo/Strutural-Lab>
2. An Excel sheet: This has the compiled values for the above-mentioned hydrostatic parameters at draft values starting from 1(m) to 12(m) with an increment of 0.1(m).

The link to the sheet: [Click here!](https://docs.google.com/spreadsheets/d/1J3Rg6AqebWCUCZJAB4tjCsIYVtOMIYkWwAtWd3BkX_w/edit?usp=sharing)