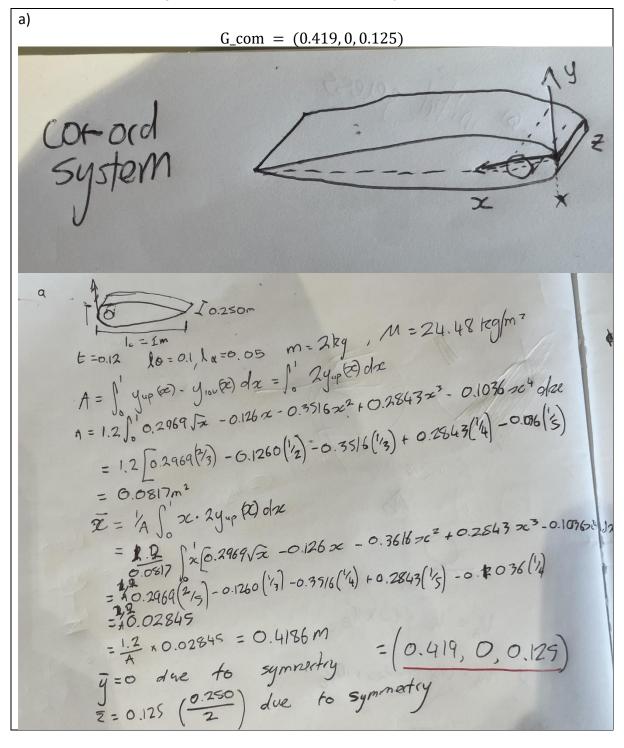
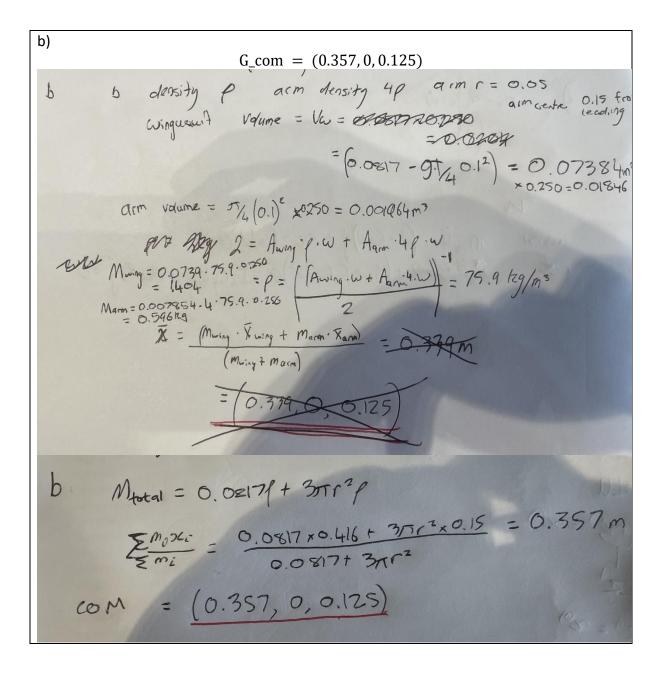
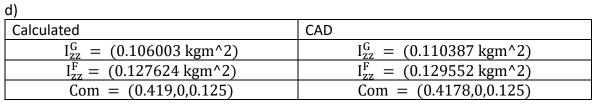
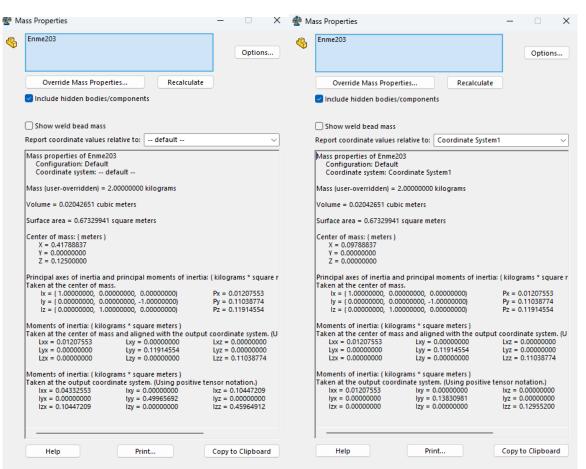
ENME203 Project Part 1 – Summary Answer Sheet



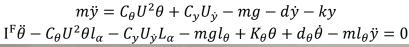


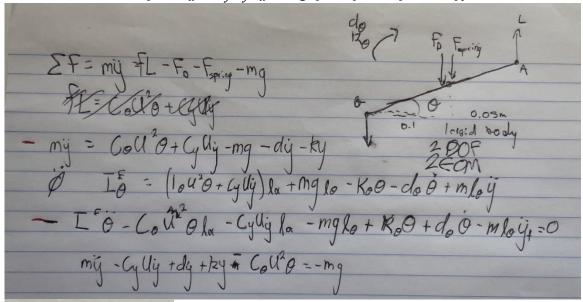
 $I_{22}^{G} = (0.106003 \text{ kgm}^{2}) I_{22}^{F} = (0.127624 \text{ kgm}^{2})$ $I_{22}^{G} = (0.106003 \text{ kgm}^{2}) I_{22}^{F} = (0.127624 \text{ kgm}^{2})$ $I_{22}^{G} = \int_{0}^{1} \int_{$

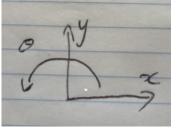










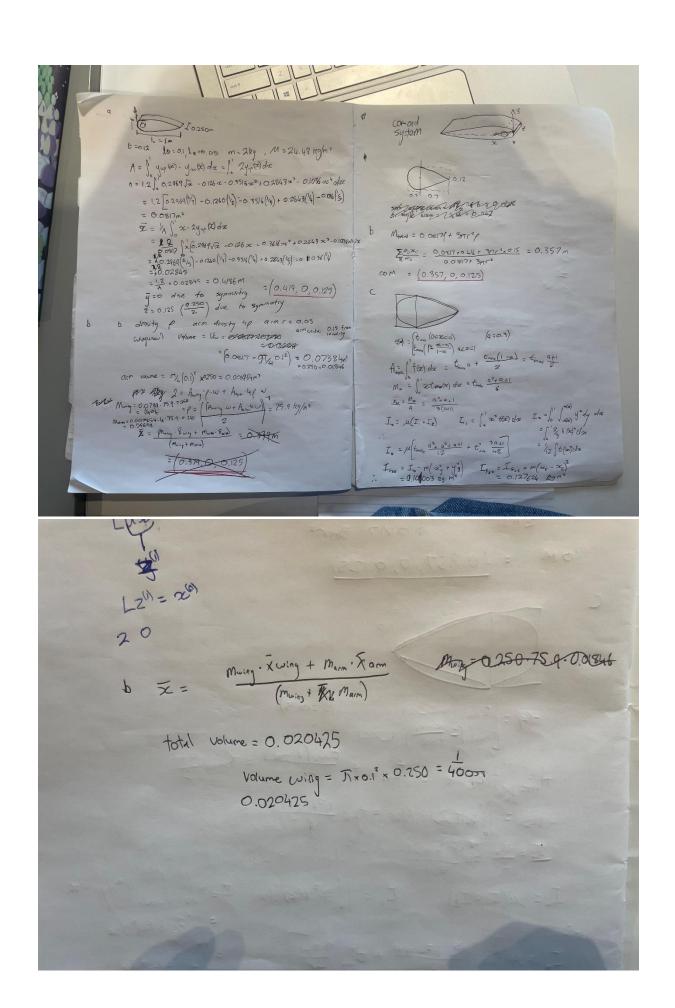


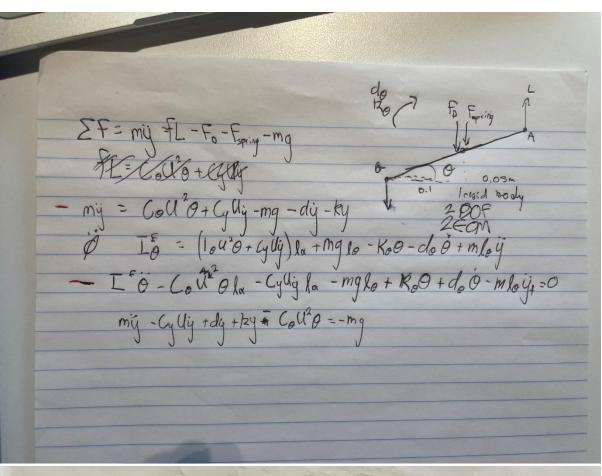
Appendix

(Put your full working here, or merge working pages to the PDF submission)

You can make small adjustments the answer boxes to fit more working/evidence if needed, provided that the question order remains consistent.

In the summary answers, show the key steps of your working (e.g. final integration equations), note the methods used (e.g. numerical solvers, Symbolab, Desmos, etc), any assumptions, and the final answers.





and $a_{c} + iv$ $\frac{1}{2} \begin{pmatrix} -2 \\ -2 \end{pmatrix} \\
+ const \qquad M_{tot} \dot{y} + (d - C_{y}U)\dot{y} + ky - C_{0}U^{2}U = 0 \\
- rot \qquad I_{y} \dot{y} + d_{0}U + (k_{0} - I_{A}C_{0}U^{2})U - I_{A}C_{y}U\dot{y} + M_{ce}I_{c}\dot{y} = 0$